

The Cuckoos Egg Tracking A Spy Through A Maze Of Computer Espionage

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Freedom (TM) - Daniel Suarez
2010-01-07

The New York Times bestseller *Daemon* unleashed a terrifying technological vision of an all-powerful, malicious computer program. Now, our world is the *Daemon's* world—unless someone stops it once and for all... The *Daemon* is in absolute control, using an expanded

network of shadowy operatives to tear apart civilization and build it anew. Even as civil war breaks out in the American Midwest in a wave of nightmarish violence, former detective Pete Sebeck—the *Daemon's* most powerful, though reluctant, operative—must lead a small band of enlightened humans in

a movement designed to protect the new world order. But the private armies of global business are preparing to crush the Daemon once and for all. In a world of shattered loyalties, collapsing societies, and seemingly endless betrayal, the only thing worth fighting for may be nothing less than the freedom of all humankind.

Intelligence-Driven Incident Response - Scott J Roberts
2017-08-21

Using a well-conceived incident response plan in the aftermath of an online security breach enables your team to identify attackers and learn how they operate. But, only when you approach incident response with a cyber threat intelligence mindset will you truly understand the value of that information. With this practical guide, you'll learn the fundamentals of intelligence analysis, as well as the best ways to incorporate these techniques into your incident response process. Each method reinforces the other: threat intelligence supports and

augments incident response, while incident response generates useful threat intelligence. This book helps incident managers, malware analysts, reverse engineers, digital forensics specialists, and intelligence analysts understand, implement, and benefit from this relationship. In three parts, this in-depth book includes: The fundamentals: get an introduction to cyber threat intelligence, the intelligence process, the incident-response process, and how they all work together Practical application: walk through the intelligence-driven incident response (IDIR) process using the F3EAD process—Find, Fix Finish, Exploit, Analyze, and Disseminate The way forward: explore big-picture aspects of IDIR that go beyond individual incident-response investigations, including intelligence team building **Hacker Culture** - Douglas Thomas 2002

Kingpin - Kevin Poulsen
2011-03-01

The true story of Max Butler, the master hacker who ran a billion dollar cyber crime network. The word spread through the hacking underground like some unstoppable new virus: an audacious crook had staged a hostile takeover of an online criminal network that siphoned billions of dollars from the US economy. The culprit was a brilliant programmer with a hippie ethic and a supervillain's double identity. Max 'Vision' Butler was a white-hat hacker and a celebrity throughout the programming world, even serving as a consultant to the FBI. But there was another side to Max. As the black-hat 'Iceman', he'd seen the fraudsters around him squabble, their ranks riddled with infiltrators, their methods inefficient, and in their dysfunction was the ultimate challenge: he would stage a coup and steal their ill-gotten gains from right under their noses. Through the story of Max Butler's remarkable rise, KINGPIN lays bare the workings of a silent crime wave

affecting millions worldwide. It exposes vast online-fraud supermarkets stocked with credit card numbers, counterfeit cheques, hacked bank accounts and fake passports. Thanks to Kevin Poulsen's remarkable access to both cops and criminals, we step inside the quiet, desperate battle that law enforcement fights against these scammers. And learn that the boy next door may not be all he seems. **Mindf*ck** - Christopher Wylie 2020-07-02

Secrets and Lies - Bruce Schneier 2015-03-23
This anniversary edition which has stood the test of time as a runaway best-seller provides a practical, straight-forward guide to achieving security throughout computer networks. No theory, no math, no fiction of what should be working but isn't, just the facts. Known as the master of cryptography, Schneier uses his extensive field experience with his own clients to dispel the myths that often mislead IT managers as they try to build

secure systems. A much-touted section: Schneier's tutorial on just what cryptography (a subset of computer security) can and cannot do for them, has received far-reaching praise from both the technical and business community. Praise for *Secrets and Lies* "This is a business issue, not a technical one, and executives can no longer leave such decisions to techies. That's why *Secrets and Lies* belongs in every manager's library." - Business Week "Startlingly lively....a jewel box of little surprises you can actually use." - Fortune "Secrets is a comprehensive, well-written work on a topic few business leaders can afford to neglect." - Business 2.0 "Instead of talking algorithms to geeky programmers, [Schneier] offers a primer in practical computer security aimed at those shopping, communicating or doing business online-almost everyone, in other words." - The Economist "Schneier...peppers the book with lively anecdotes and aphorisms, making it unusually accessible." - Los

Angeles Times With a new and compelling Introduction by the author, this premium edition will become a keepsake for security enthusiasts of every stripe.

Cyberpunk - Katie Hafner
1995-11

Profiles computer hackers who overstep ethical boundaries and break the law to penetrate society's most sensitive computer networks.

Network Attacks and Exploitation - Matthew Monte
2015-07-09

Incorporate offense and defense for a more effective networksecurity strategy
Network Attacks and Exploitation provides a clear,comprehensive roadmap for developing a complete offensive anddefensive strategy to engage in or thwart hacking and computerespionage. Written by an expert in both government and corporatevulnerability and security operations, this guide helps youunderstand the principles of the space and look beyond theindividual technologies of the moment to

develop durable comprehensive solutions. Numerous real-world examples illustrate the offensive and defensive concepts at work, including Conficker, Stuxnet, the Target compromise, and more. You will find clear guidance toward strategy, tools, and implementation, with practical advice on blocking systematic computer espionage and the theft of information from governments, companies, and individuals. Assaults and manipulation of computer networks are rampant around the world. One of the biggest challenges is fitting the ever-increasing amount of information into a whole plan or framework to develop the right strategies to thwart these attacks. This book clears the confusion by outlining the approaches that work, the tools that work, and resources needed to apply them. Understand the fundamental concepts of computer network exploitation. Learn the nature and tools of systematic attacks. Examine offensive strategy and how attackers will

seek to maintain their advantage. Understand defensive strategy, and how current approaches fail to change the strategic balance. Governments, criminals, companies, and individuals are all operating in a world without boundaries, where the laws, customs, and norms previously established over centuries are only beginning to take shape. Meanwhile, computer espionage continues to grow in both frequency and impact. This book will help you mount a robust offense or a strategically sound defense against attacks and exploitation. For a clear roadmap to better network security, *Network Attacks and Exploitation* is your complete and practical guide.

Think Like a Hacker -

Michael J. Melone 2017-06-27
Targeted attack and determined human adversaries (DHA) have changed the information security game forever. Writing secure code is as important as ever; however, this satisfies only one piece of the puzzle. Effective defense against targeted attack

requires IT professionals to understand how attackers use - and abuse - enterprise design to their advantage. Learn how advanced attackers break into networks. Understand how attackers use concepts of access and authorization to jump from one computer to the next. Dive into how and why attackers use custom implants and backdoors inside an enterprise. Be introduced to the concept of service-centric design - and how it can help improve both security and usability. To defend against hackers you must first learn to think like a hacker.

Future Crimes - Marc Goodman
2015-02-24

NEW YORK TIMES and WALL STREET JOURNAL
BESTSELLER ONE OF THE WASHINGTON POST'S 10 BEST BOOKS OF 2015 One of the world's leading authorities on global security, Marc Goodman takes readers deep into the digital underground to expose the alarming ways criminals, corporations, and even countries are using new and emerging technologies

against you—and how this makes everyone more vulnerable than ever imagined. Technological advances have benefited our world in immeasurable ways, but there is an ominous flip side: our technology can be turned against us. Hackers can activate baby monitors to spy on families, thieves are analyzing social media posts to plot home invasions, and stalkers are exploiting the GPS on smart phones to track their victims' every move. We all know today's criminals can steal identities, drain online bank accounts, and wipe out computer servers, but that's just the beginning. To date, no computer has been created that could not be hacked—a sobering fact given our radical dependence on these machines for everything from our nation's power grid to air traffic control to financial services. Yet, as ubiquitous as technology seems today, just over the horizon is a tidal wave of scientific progress that will leave our heads spinning. If today's Internet is the size of a

golf ball, tomorrow's will be the size of the sun. Welcome to the Internet of Things, a living, breathing, global information grid where every physical object will be online. But with greater connections come greater risks. Implantable medical devices such as pacemakers can be hacked to deliver a lethal jolt of electricity and a car's brakes can be disabled at high speed from miles away. Meanwhile, 3-D printers can produce AK-47s, bioterrorists can download the recipe for Spanish flu, and cartels are using fleets of drones to ferry drugs across borders. With explosive insights based upon a career in law enforcement and counterterrorism, Marc Goodman takes readers on a vivid journey through the darkest recesses of the Internet. Reading like science fiction, but based in science fact, *Future Crimes* explores how bad actors are primed to hijack the technologies of tomorrow, including robotics, synthetic biology, nanotechnology, virtual reality,

and artificial intelligence. These fields hold the power to create a world of unprecedented abundance and prosperity. But the technological bedrock upon which we are building our common future is deeply unstable and, like a house of cards, can come crashing down at any moment. *Future Crimes* provides a mind-blowing glimpse into the dark side of technological innovation and the unintended consequences of our connected world. Goodman offers a way out with clear steps we must take to survive the progress unfolding before us. Provocative, thrilling, and ultimately empowering, *Future Crimes* will serve as an urgent call to action that shows how we can take back control over our own devices and harness technology's tremendous power for the betterment of humanity—before it's too late. [The Hacker Crackdown, Law and Disorder on the Electronic Frontier](#) - Bruce Sterling
2013-02
This book is part of the

TREDITION CLASSICS. It contains classical literature works from over two thousand years. Most of these titles have been out of print and off the bookstore shelves for decades. The book series is intended to preserve the cultural legacy and to promote the timeless works of classical literature. Readers of a TREDITION CLASSICS book support the mission to save many of the amazing works of world literature from oblivion. With this series, tredition intends to make thousands of international literature classics available in printed format again - worldwide.

Dynamite Road - Andrew Klavan 2004-08-01

Jim Bishop is a hard man, as cold as the wind off the water and tough to the point of brutality. Scott Weiss is Bishop's boss, a world-weary ex-cop who runs a private detective agency out of a concrete tower in the heart of San Francisco. In this powerfully original series debut by award-winning and bestselling author Andrew

Klavan, Weiss sends Bishop to investigate corruption at a Northern California airport-and so sets events in motion that will lead both men on a desperate hunt for a master assassin. Bishop's assignment is to investigate the airport and report back to Weiss. But Bishop prefers to make up the rules as he goes along. He's willing to beat any man into the ground and draw any woman into his bed in order to get the answers he's after. A pilot himself, he takes to the air to check out the illegal flights of a thug names Chris Wannamaker. Then he coolly seduces Wannamaker's lonely wife in order to find out more. Back in the city, as Weiss struggles to rein Bishop in, he begins a connected investigation of his own. A death in a mansion in Presidio Heights, a seemingly random murder South of Market, an apparent suicide off the Golden Gate Bridge, all seem to bear the mark of Weiss' old nemesis, an expert gun-for-hire who goes by the name of the Shadowman. It's a trail of

blood, and each step of it seems to bring Weiss closer to Julie Wyant, a mysterious beauty who captures the imagination of every man she meets. Soon Bishop has found his way into the center of a massive criminal conspiracy, a plan set to climax with an act of audacious violence and a murder that would be impossible for any killer but one. And with his operative's wife in danger, Weiss begins a race against time to outsmart the murderer who stalks his nightmares and to rescue the woman who haunts his dream. If you like your tough guys really tough, your femme fatale and your action explosive-welcome to Dynamite Road. At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

Dawn of the Code War - John P. Carlin 2018-10-16

The inside story of how America's enemies launched a cyber war against us-and how we've learned to fight back With each passing year, the internet-linked attacks on

America's interests have grown in both frequency and severity. Overmatched by our military, countries like North Korea, China, Iran, and Russia have found us vulnerable in cyberspace. The "Code War" is upon us. In this dramatic book, former Assistant Attorney General John P. Carlin takes readers to the front lines of a global but little-understood fight as the Justice Department and the FBI chases down hackers, online terrorist recruiters, and spies. Today, as our entire economy goes digital, from banking to manufacturing to transportation, the potential targets for our enemies multiply. This firsthand account is both a remarkable untold story and a warning of dangers yet to come.

Great Books - David Denby
2013-06-18

THE NATIONAL BESTSELLER
At the age of forty-eight, writer and film critic David Denby returned to Columbia University and re-enrolled in two core courses in Western civilization to confront the

literary and philosophical masterpieces -- the "great books" -- that are now at the heart of the culture wars. In *Great Books*, he leads us on a glorious tour, a rediscovery and celebration of such authors as Homer and Boccaccio, Locke and Nietzsche. Conrad and Woolf. The resulting personal odyssey is an engaging blend of self-discovery, cultural commentary, reporting, criticism, and autobiography -- an inspiration for anyone in love with the written word.

Cuckoo's Egg - 2002

They told Thorn he was one of them, although he was different. To them, he was ugly: sleek-skinned, not furred, and clawless. But he was part of their power class, part of the elite: the fighters, the defenders. When the crunch came, when Thorn learned that on him might hang the future of two worlds, he had to stand alone to justify his very existence.

CUCKOO'S EGG - Clifford Stoll 2012-05-23

Before the Internet became

widely known as a global tool for terrorists, one perceptive U.S. citizen recognized its ominous potential. Armed with clear evidence of computer espionage, he began a highly personal quest to expose a hidden network of spies that threatened national security. But would the authorities back him up? Cliff Stoll's dramatic firsthand account is "a computer-age detective story, instantly fascinating [and] astonishingly gripping" (Smithsonian). Cliff Stoll was an astronomer turned systems manager at Lawrence Berkeley Lab when a 75-cent accounting error alerted him to the presence of an unauthorized user on his system. The hacker's code name was "Hunter"—a mysterious invader who managed to break into U.S. computer systems and steal sensitive military and security information. Stoll began a one-man hunt of his own: spying on the spy. It was a dangerous game of deception, broken codes, satellites, and missile bases—a one-man sting operation that

finally gained the attention of the CIA . . . and ultimately trapped an international spy ring fueled by cash, cocaine, and the KGB.

Intrusion Detection & Prevention - Carl Endorf 2004

Authors Carl Endorf, Eugene Schultz, and Jim Mellander deliver the hands-on implementation techniques that IT professionals need. Learn to implement the top intrusion detection products into real-world networked environments and covers the most popular intrusion detection tools including Internet Security Systems' Black ICE & RealSecure, Cisco Systems' Secure IDS, Computer Associates' eTrust, Enterecept, and the open source Snort tool.

The Cuckoo's Egg - Cliff Stoll 2005-09-13

The first true account of computer espionage tells of a year-long single-handed hunt for a computer thief who sold information from American computer files to Soviet intelligence agents

Hacking the Hacker - Roger A.

Grimes 2017-04-18

Meet the world's top ethical hackers and explore the tools of the trade Hacking the Hacker takes you inside the world of cybersecurity to show you what goes on behind the scenes, and introduces you to the men and women on the front lines of this technological arms race. Twenty-six of the world's top white hat hackers, security researchers, writers, and leaders, describe what they do and why, with each profile preceded by a no-experience-necessary explanation of the relevant technology. Dorothy Denning discusses advanced persistent threats, Martin Hellman describes how he helped invent public key encryption, Bill Cheswick talks about firewalls, Dr. Charlie Miller talks about hacking cars, and other cybersecurity experts from around the world detail the threats, their defenses, and the tools and techniques they use to thwart the most advanced criminals history has ever seen. Light on jargon and heavy on intrigue, this book is designed

to be an introduction to the field; final chapters include a guide for parents of young hackers, as well as the Code of Ethical Hacking to help you start your own journey to the top. Cybersecurity is becoming increasingly critical at all levels, from retail businesses all the way up to national security. This book drives to the heart of the field, introducing the people and practices that help keep our world secure. Go deep into the world of white hat hacking to grasp just how critical cybersecurity is. Read the stories of some of the world's most renowned computer security experts. Learn how hackers do what they do—no technical expertise necessary. Delve into social engineering, cryptography, penetration testing, network attacks, and more. As a field, cybersecurity is large and multi-faceted—yet not historically diverse. With a massive demand for qualified professional that is only going to grow, opportunities are endless. *Hacking the Hacker* shows you why you should give

the field a closer look.

Ghost in the Wires - Kevin Mitnick 2011-08-15

In this "intriguing, insightful and extremely educational" novel, the world's most famous hacker teaches you easy cloaking and counter-measures for citizens and consumers in the age of Big Brother and Big Data (Frank W. Abagnale). Kevin Mitnick was the most elusive computer break-in artist in history. He accessed computers and networks at the world's biggest companies -- and no matter how fast the authorities were, Mitnick was faster, sprinting through phone switches, computer systems, and cellular networks. As the FBI's net finally began to tighten, Mitnick went on the run, engaging in an increasingly sophisticated game of hide-and-seek that escalated through false identities, a host of cities, and plenty of close shaves, to an ultimate showdown with the Feds, who would stop at nothing to bring him down. *Ghost in the Wires* is a thrilling true story of intrigue,

suspense, and unbelievable escapes -- and a portrait of a visionary who forced the authorities to rethink the way they pursued him, and forced companies to rethink the way they protect their most sensitive information. "Mitnick manages to make breaking computer code sound as action-packed as robbing a bank." -- NPR

Rebel Code - Glyn Moody
2009-02-18

The open source saga has many fascinating chapters. It is partly the story of Linus Torvalds, the master hacker who would become chief architect of the Linux operating system. It is also the story of thousands of devoted programmers around the world who spontaneously worked in tandem to complete the race to shape Linux into the ultimate killer app. Rebel Code traces the remarkable roots of this unplanned revolution. It echoes the twists and turns of Linux's improbable development, as it grew through an almost biological process of accretion and finally took its place at the

heart of a jigsaw puzzle that would become the centerpiece of open source. With unprecedented access to the principal players, Moody has written a powerful tale of individual innovation versus big business. Rebel Code provides a from-the-trenches perspective and looks ahead to how open source is challenging long-held conceptions of technology, commerce, and culture.

[Cybersecurity for Executives in the Age of Cloud](#) - Teri Radichel
2020-03-08

With the rising cost of data breaches, executives need to understand the basics of cybersecurity so they can make strategic decisions that keep companies out of headlines and legal battles. Although top executives do not make the day-to-day technical decisions related to cybersecurity, they can direct the company from the top down to have a security mindset. As this book explains, executives can build systems and processes that track gaps and security problems while still allowing for innovation and

achievement of business objectives. Many of the data breaches occurring today are the result of fundamental security problems, not crafty attacks by insidious malware. The way many companies are moving to cloud environments exacerbates these problems. However, cloud platforms can also help organizations reduce risk if organizations understand how to leverage their benefits. If and when a breach does happen, a company that has the appropriate metrics can more quickly pinpoint and correct the root cause. Over time, as organizations mature, they can fend off and identify advanced threats more effectively. The book covers cybersecurity fundamentals such as encryption, networking, data breaches, cyber-attacks, malware, viruses, incident handling, governance, risk management, security automation, vendor assessments, and cloud security. **RECOMMENDATION:** As a former senior military leader, I learned early on that

my personal expertise of a subject was less important than my ability to ask better questions of the experts. Often, I had no expertise at all but was required to make critical high risk decisions under very tight time constraints. In this book Teri helps us understand the better questions we should be asking about our data, data systems, networks, architecture development, vendors and cybersecurity writ large and why the answers to these questions matter to our organizations bottom line as well as our personal liability. Teri writes in a conversational tone adding personal experiences that bring life and ease of understanding to an otherwise very technical, complex and sometimes overwhelming subject. Each chapter breaks down a critical component that lends to a comprehensive understanding or can be taken individually. I am not steeped in cyber, but Teri's advice and recommendations have proven critical to my own work on Boards of Directors as well as

my leadership work with corporate CISOs, cybersecurity teams, and C-Suite executives. In a time-constrained world this is a worthy read. - Stephen A. Clark, Maj Gen, USAF (Ret)

AUTHOR: Teri Radichel (@teriradichel) is the CEO of 2nd Sight Lab, a cloud and cybersecurity training and consulting company. She has a Master of Software Engineering, a Master of Information Security Engineering, and over 25 years of technology, security, and business experience. Her certifications include GSE, GXPN, GCIH, GPEN, GCIA, GCPM, GCCC, and GREM. SANS Institute gave her the 2017 Difference Makers Award for cybersecurity innovation. She is on the IANS (Institute for Applied Network Security) faculty and formerly taught and helped with curriculum for cloud security classes at SANS Institute. She is an AWS hero and runs the Seattle AWS Architects and Engineers Meetup which has over 3000 members. Teri was on the original Capital One cloud

team helping with cloud engineering, operations, and security operations. She wrote a paper called Balancing Security and Innovation With Event Driven Automation based on lessons learned from that experience. It explains how companies can leverage automation to improve cybersecurity. She went on to help a security vendor move a product to AWS as a cloud architect and later Director of SaaS Engineering, where she led a team that implemented the concepts described in her paper. She now helps companies around the world with cloud and cyber security as a sought-after speaker, trainer, security researcher, and pentester.

Intercept - Gordon Corera
2016-06-09

Countdown to Zero Day - Kim Zetter
2015-09-01

A top cybersecurity journalist tells the story behind the virus that sabotaged Iran's nuclear efforts and shows how its existence has ushered in a new age of warfare—one in which a

digital attack can have the same destructive capability as a megaton bomb. “Immensely enjoyable . . . Zetter turns a complicated and technical cyber story into an engrossing whodunit.”—The Washington Post The virus now known as Stuxnet was unlike any other piece of malware built before: Rather than simply hijacking targeted computers or stealing information from them, it proved that a piece of code could escape the digital realm and wreak actual, physical destruction—in this case, on an Iranian nuclear facility. In these pages, journalist Kim Zetter tells the whole story behind the world’s first cyberweapon, covering its genesis in the corridors of the White House and its effects in Iran—and telling the spectacular, unlikely tale of the security geeks who managed to unravel a top secret sabotage campaign years in the making. But Countdown to Zero Day also ranges beyond Stuxnet itself, exploring the history of cyberwarfare and its future, showing us what might happen

should our infrastructure be targeted by a Stuxnet-style attack, and ultimately, providing a portrait of a world at the edge of a new kind of war.

Kingpin - Kevin Poulsen
2012-02-07

Former hacker Kevin Poulsen has, over the past decade, built a reputation as one of the top investigative reporters on the cybercrime beat. In *Kingpin*, he pours his unmatched access and expertise into book form for the first time, delivering a gripping cat-and-mouse narrative—and an unprecedented view into the twenty-first century’s signature form of organized crime. The word spread through the hacking underground like some unstoppable new virus: Someone—some brilliant, audacious crook—had just staged a hostile takeover of an online criminal network that siphoned billions of dollars from the US economy. The FBI rushed to launch an ambitious undercover operation aimed at tracking down this new kingpin; other agencies around

the world deployed dozens of moles and double agents. Together, the cybercops lured numerous unsuspecting hackers into their clutches. . . . Yet at every turn, their main quarry displayed an uncanny ability to sniff out their snitches and see through their plots. The culprit they sought was the most unlikely of criminals: a brilliant programmer with a hippie ethic and a supervillain's double identity. As prominent "white-hat" hacker Max "Vision" Butler, he was a celebrity throughout the programming world, even serving as a consultant to the FBI. But as the black-hat "Iceman," he found in the world of data theft an irresistible opportunity to test his outsized abilities. He infiltrated thousands of computers around the country, sucking down millions of credit card numbers at will. He effortlessly hacked his fellow hackers, stealing their ill-gotten gains from under their noses. Together with a smooth-talking con artist, he ran a massive real-world crime ring.

And for years, he did it all with seeming impunity, even as countless rivals ran afoul of police. Yet as he watched the fraudsters around him squabble, their ranks riddled with infiltrators, their methods inefficient, he began to see in their dysfunction the ultimate challenge: He would stage his coup and fix what was broken, run things as they should be run—even if it meant painting a bull's-eye on his forehead. Through the story of this criminal's remarkable rise, and of law enforcement's quest to track him down, Kingpin lays bare the workings of a silent crime wave still affecting millions of Americans. In these pages, we are ushered into vast online-fraud supermarkets stocked with credit card numbers, counterfeit checks, hacked bank accounts, dead drops, and fake passports. We learn the workings of the numerous hacks—browser exploits, phishing attacks, Trojan horses, and much more—these fraudsters use to ply their trade, and trace the complex routes by which they

turn stolen data into millions of dollars. And thanks to Poulsen's remarkable access to both cops and criminals, we step inside the quiet, desperate arms race that law enforcement continues to fight with these scammers today. Ultimately, Kingpin is a journey into an underworld of startling scope and power, one in which ordinary American teenagers work hand in hand with murderous Russian mobsters and where a simple Wi-Fi connection can unleash a torrent of gold worth millions.

The Cuckoo's Egg - Clifford Stoll 1990

We Are Bellingcat - Eliot Higgins 2021-03-02
INTERNATIONAL
BESTSELLER "We Are Bellingcat is Higgins's gripping account of how he reinvented reporting for the internet age . . . A manifesto for optimism in a dark age."-Luke Harding, Observer The page-turning inside story of the global team wielding the internet to fight for facts and combat autocracy-revealing the extraordinary

ability of ordinary people to hold the powerful to account. In 2018, Russian exile Sergei Skripal and his daughter were nearly killed in an audacious poisoning attempt in Salisbury, England. Soon, the identity of one of the suspects was revealed: he was a Russian spy. This huge investigative coup wasn't pulled off by an intelligence agency or a traditional news outlet. Instead, the scoop came from Bellingcat, the open-source investigative team that is redefining the way we think about news, politics, and the digital future. We Are Bellingcat tells the inspiring story of how a college dropout pioneered a new category of reporting and galvanized citizen journalists-working together from their computer screens around the globe-to crack major cases, at a time when fact-based journalism is under assault from authoritarian forces. Founder Eliot Higgins introduces readers to the tools Bellingcat investigators use, tools available to anyone, from

software that helps you pinpoint the location of an image, to an app that can nail down the time that photo was taken. This book digs deep into some of Bellingcat's most important investigations—the downing of flight MH17 over Ukraine, Assad's use of chemical weapons in Syria, the identities of alt-right protestors in Charlottesville—with the drama and gripping detail of a spy novel.

Sandworm - Andy Greenberg
2020-10-20

"With the nuance of a reporter and the pace of a thriller writer, Andy Greenberg gives us a glimpse of the cyberwars of the future while at the same time placing his story in the long arc of Russian and Ukrainian history." —Anne Applebaum, bestselling author of *Twilight of Democracy* The true story of the most devastating act of cyberwarfare in history and the desperate hunt to identify and track the elite Russian agents behind it: "[A] chilling account of a Kremlin-led cyberattack, a new front in global conflict"

(Financial Times). In 2014, the world witnessed the start of a mysterious series of cyberattacks. Targeting American utility companies, NATO, and electric grids in Eastern Europe, the strikes grew ever more brazen. They culminated in the summer of 2017, when the malware known as NotPetya was unleashed, penetrating, disrupting, and paralyzing some of the world's largest businesses—from drug manufacturers to software developers to shipping companies. At the attack's epicenter in Ukraine, ATMs froze. The railway and postal systems shut down. Hospitals went dark. NotPetya spread around the world, inflicting an unprecedented ten billion dollars in damage—the largest, most destructive cyberattack the world had ever seen. The hackers behind these attacks are quickly gaining a reputation as the most dangerous team of cyberwarriors in history: a group known as Sandworm. Working in the service of

Russia's military intelligence agency, they represent a persistent, highly skilled force, one whose talents are matched by their willingness to launch broad, unrestrained attacks on the most critical infrastructure of their adversaries. They target government and private sector, military and civilians alike. A chilling, globe-spanning detective story, *Sandworm* considers the danger this force poses to our national security and stability. As the Kremlin's role in foreign government manipulation comes into greater focus, *Sandworm* exposes the realities not just of Russia's global digital offensive, but of an era where warfare ceases to be waged on the battlefield. It reveals how the lines between digital and physical conflict, between wartime and peacetime, have begun to blur—with world-shaking implications.

Dark Mirror - Barton Gellman
2021-05-18

“Engrossing. . . . Gellman [is] a thorough, exacting reporter . . . a marvelous narrator for this

particular story, as he nimbly guides us through complex technical arcana and some stubborn ethical questions. . . . *Dark Mirror* would be simply pleasurable to read if the story it told didn't also happen to be frighteningly real.” —Jennifer Szalai, *The New York Times*
From the three-time Pulitzer Prize winner and author of the *New York Times* bestseller *Angler*, the definitive master narrative of Edward Snowden and the modern surveillance state, based on unique access to Snowden and groundbreaking reportage around the world. Edward Snowden touched off a global debate in 2013 when he gave Barton Gellman, Laura Poitras and Glenn Greenwald each a vast and explosive archive of highly classified files revealing the extent of the American government's access to our every communication. They shared the Pulitzer Prize that year for public service. For Gellman, who never stopped reporting, that was only the beginning. He jumped off from what Snowden gave him to

track the reach and methodology of the U.S. surveillance state and bring it to light with astonishing new clarity. Along the way, he interrogated Snowden's own history and found important ways in which myth and reality do not line up. Gellman treats Snowden with respect, but this is no hagiographic account, and *Dark Mirror* sets the record straight in ways that are both fascinating and important. *Dark Mirror* is the story that Gellman could not tell before, a gripping inside narrative of investigative reporting as it happened and a deep dive into the machinery of the surveillance state. Gellman recounts the puzzles, dilemmas and tumultuous events behind the scenes of his work - in top secret intelligence facilities, in Moscow hotel rooms, in huddles with Post lawyers and editors, in Silicon Valley executive suites, and in encrypted messages from anonymous accounts. Within the book is a compelling portrait of national security journalism under pressure from

legal threats, government investigations, and foreign intelligence agencies intent on stealing Gellman's files. Throughout *Dark Mirror*, Gellman wages an escalating battle against unknown adversaries who force him to mimic their tradecraft in self-defense. With the vivid and insightful style that is the author's trademark, *Dark Mirror* is a true-life spy tale about the surveillance-industrial revolution and its discontents. Along the way, with the benefit of fresh reporting, it tells the full story of a government leak unrivaled in drama since *All the President's Men*.

Silicon Snake Oil - Clifford Stoll 1996-03-01

In *Silicon Snake Oil*, Clifford Stoll, the best-selling author of *The Cuckoo's Egg* and one of the pioneers of the Internet, turns his attention to the much-heralded information highway, revealing that it is not all it's cracked up to be. Yes, the Internet provides access to plenty of services, but useful information is virtually

impossible to find and difficult to access. Is being on-line truly useful? "Few aspects of daily life require computers...They're irrelevant to cooking, driving, visiting, negotiating, eating, hiking, dancing, speaking, and gossiping. You don't need a computer to...recite a poem or say a prayer." Computers can't, Stoll claims, provide a richer or better life. A cautionary tale about today's media darling, Silicon Snake Oil has sparked intense debate across the country about the merits--and foibles--of what's been touted as the entranceway to our future.

Takedown - Tsutomu

Shimomura 1996-12-01

The dramatic true story of the capture of the world's most wanted cyberthief by brilliant computer expert Tsutomu Shimomura, describes Kevin Mitnick's long computer crime spree, which involved millions of dollars in credit card numbers and corporate trade secrets. Reprint. NYT.

The Pentester BluePrint -

Phillip L. Wylie 2020-10-27

JUMPSTART YOUR NEW AND

EXCITING CAREER AS A PENETRATION TESTER The Pentester BluePrint: Your Guide to Being a Pentester offers readers a chance to delve deeply into the world of the ethical, or "white-hat" hacker. Accomplished pentester and author Phillip L. Wylie and cybersecurity researcher Kim Crawley walk you through the basic and advanced topics necessary to understand how to make a career out of finding vulnerabilities in systems, networks, and applications. You'll learn about the role of a penetration tester, what a pentest involves, and the prerequisite knowledge you'll need to start the educational journey of becoming a pentester. Discover how to develop a plan by assessing your current skillset and finding a starting place to begin growing your knowledge and skills. Finally, find out how to become employed as a pentester by using social media, networking strategies, and community involvement. Perfect for IT workers and

entry-level information security professionals, The Pentester BluePrint also belongs on the bookshelves of anyone seeking to transition to the exciting and in-demand field of penetration testing. Written in a highly approachable and accessible style, The Pentester BluePrint avoids unnecessarily technical lingo in favor of concrete advice and practical strategies to help you get your start in pentesting. This book will teach you: The foundations of pentesting, including basic IT skills like operating systems, networking, and security systems The development of hacking skills and a hacker mindset Where to find educational options, including college and university classes, security training providers, volunteer work, and self-study Which certifications and degrees are most useful for gaining employment as a pentester How to get experience in the pentesting field, including labs, CTFs, and bug bounties

Incident Response & Computer Forensics, Third

Edition - Jason T. Luttgens
2014-08-01

The definitive guide to incident response--updated for the first time in a decade! Thoroughly revised to cover the latest and most effective tools and techniques, Incident Response & Computer Forensics, Third Edition arms you with the information you need to get your organization out of trouble when data breaches occur. This practical resource covers the entire lifecycle of incident response, including preparation, data collection, data analysis, and remediation. Real-world case studies reveal the methods behind--and remediation strategies for--today's most insidious attacks. Architect an infrastructure that allows for methodical investigation and remediation Develop leads, identify indicators of compromise, and determine incident scope Collect and preserve live data Perform forensic duplication Analyze data from networks, enterprise services, and applications Investigate Windows and Mac OS X

systems Perform malware triage Write detailed incident response reports Create and implement comprehensive remediation plans

Breaking and Entering -

Jeremy N. Smith 2019-01-08

This taut, true thriller dives into a dark world that touches us all, as seen through the brilliant, breakneck career of an extraordinary hacker--a woman known only as Alien. When she arrived at MIT in the 1990s, Alien was quickly drawn to the school's tradition of high-risk physical trespassing: the original "hacking." Within a year, one of her hallmates was dead and two others were arraigned. Alien's adventures were only just beginning. After a stint at the storied, secretive Los Alamos National Laboratory, Alien was recruited by a top cybersecurity firm where she deployed her cache of virtual weapons--and the trespassing and social engineering talents she had developed while "hacking" at MIT. The company tested its clients' security by every means possible--not just

coding, but donning disguises and sneaking past guards and secretaries into the C-suite. Alien now runs a boutique hacking outfit that caters to some of the world's biggest and most vulnerable institutions--banks, retailers, government agencies. Her work combines devilish charm, old-school deception, and next generation spycraft. In *Breaking and Entering*, cybersecurity finally gets the rich, character-driven, fast-paced treatment it deserves.

The Art of Deception - Kevin D. Mitnick 2011-08-04

The world's most infamous hacker offers an insider's view of the low-tech threats to high-tech security Kevin Mitnick's exploits as a cyber-desperado and fugitive form one of the most exhaustive FBI manhunts in history and have spawned dozens of articles, books, films, and documentaries. Since his release from federal prison, in 1998, Mitnick has turned his life around and established himself as one of the most sought-after computer security experts worldwide. Now, in

The Art of Deception, the world's most notorious hacker gives new meaning to the old adage, "It takes a thief to catch a thief." Focusing on the human factors involved with information security, Mitnick explains why all the firewalls and encryption protocols in the world will never be enough to stop a savvy grifter intent on rifling a corporate database or an irate employee determined to crash a system. With the help of many fascinating true stories of successful attacks on business and government, he illustrates just how susceptible even the most locked-down information systems are to a slick con artist impersonating an IRS agent. Narrating from the points of view of both the attacker and the victims, he explains why each attack was so successful and how it could have been prevented in an engaging and highly readable style reminiscent of a true-crime novel. And, perhaps most importantly, Mitnick offers advice for preventing these types of social engineering hacks through security

protocols, training programs, and manuals that address the human element of security.

A New History of Modern Computing - Thomas Haigh
2021-09-14

How the computer became universal. Over the past fifty years, the computer has been transformed from a hulking scientific supertool and data processing workhorse, remote from the experiences of ordinary people, to a diverse family of devices that billions rely on to play games, shop, stream music and movies, communicate, and count their steps. In *A New History of Modern Computing*, Thomas Haigh and Paul Ceruzzi trace these changes. A comprehensive reimagining of Ceruzzi's *A History of Modern Computing*, this new volume uses each chapter to recount one such transformation, describing how a particular community of users and producers remade the computer into something new. Haigh and Ceruzzi ground their accounts of these computing revolutions in the longer and

deeper history of computing technology. They begin with the story of the 1945 ENIAC computer, which introduced the vocabulary of "programs" and "programming," and proceed through email, pocket calculators, personal computers, the World Wide Web, videogames, smart phones, and our current world of computers everywhere--in phones, cars, appliances, watches, and more. Finally, they consider the Tesla Model S as an object that simultaneously embodies many strands of computing.

Violent Python - TJ O'Connor
2012-12-28

Violent Python shows you how to move from a theoretical understanding of offensive computing concepts to a practical implementation.

Instead of relying on another attacker's tools, this book will teach you to forge your own weapons using the Python programming language. This book demonstrates how to write Python scripts to automate large-scale network attacks, extract metadata, and

investigate forensic artifacts. It also shows how to write code to intercept and analyze network traffic using Python, craft and spoof wireless frames to attack wireless and Bluetooth devices, and how to data-mine popular social media websites and evade modern anti-virus. Demonstrates how to write Python scripts to automate large-scale network attacks, extract metadata, and investigate forensic artifacts. Write code to intercept and analyze network traffic using Python. Craft and spoof wireless frames to attack wireless and Bluetooth devices. Data-mine popular social media websites and evade modern anti-virus.

The Hacker and the State - Ben Buchanan 2020

The threat of cyberwar can feel very Hollywood: nuclear codes hacked, power plants melting down, cities burning. In reality, state-sponsored hacking is covert, insidious, and constant. It is also much harder to prevent. Ben Buchanan reveals the cyberwar that's already here, reshaping the global

contest for geopolitical advantage.

The Boy Who Could Change the World - Aaron Swartz
2016-01-05

In his too-short life, Aaron Swartz reshaped the Internet, questioned our assumptions about intellectual property, and touched all of us in ways that we may not even realize. His tragic suicide in 2013 at the age of twenty-six after being aggressively prosecuted for copyright infringement shocked the nation and the world. Here for the first time in print is revealed the quintessential Aaron Swartz: besides being a technical genius and a passionate activist, he was also an insightful, compelling, and cutting essayist. With a technical understanding of the Internet and of intellectual property law surpassing that of many seasoned professionals, he wrote thoughtfully and humorously about intellectual property, copyright, and the architecture of the Internet. He wrote as well about unexpected topics such as pop culture,

politics both electoral and idealistic, dieting, and lifehacking. Including three in-depth and previously unpublished essays about education, governance, and cities, *The Boy Who Could Change the World* contains the life's work of one of the most original minds of our time.

Cult of the Dead Cow - Joseph Menn
2019-06-04

The shocking untold story of the elite secret society of hackers fighting to protect our privacy, our freedom -- even democracy itself *Cult of the Dead Cow* is the tale of the oldest, most respected, and most famous American hacking group of all time. Though until now it has remained mostly anonymous, its members invented the concept of hacktivism, released the top tool for testing password security, and created what was for years the best technique for controlling computers from afar, forcing giant companies to work harder to protect customers. They contributed to the development of Tor, the most important privacy tool on

the net, and helped build cyberweapons that advanced US security without injuring anyone. With its origins in the earliest days of the Internet, the cDc is full of oddball characters -- activists, artists, even future politicians. Many of these hackers have become top executives and advisors walking the corridors of power in Washington and Silicon Valley. The most famous is former Texas Congressman and current presidential candidate Beto O'Rourke, whose time in the cDc set him up to found a

tech business, launch an alternative publication in El Paso, and make long-shot bets on unconventional campaigns. Today, the group and its followers are battling electoral misinformation, making personal data safer, and battling to keep technology a force for good instead of for surveillance and oppression. Cult of the Dead Cow shows how governments, corporations, and criminals came to hold immense power over individuals and how we can fight back against them.