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Yale Law Journal: Volume 125, Number 6 - April 2016 - Yale Law Journal 2016-04-29

This issue of the Yale Law Journal (the sixth issue of academic year 2015-2016) features articles and essays by notable scholars, as well as extensive student research. The issue's contents include: Article, "Administrative Forbearance," by Daniel T. Deacon Essay, "The New Public," by Sarah A. Seo The student contributions are: Note, "How To Trim a Christmas Tree: Beyond Severability and Inseverability for Omnibus Statutes," by Robert L. Nightingale Note, "Border Checkpoints and Substantive Due Process: Abortion in the Border Zone," by Kate Huddleston Comment, "The State's Right to Property Under International Law," by Peter Tzeng Quality digital editions include active Contents for the issue and for individual articles, linked footnotes, active URLs in notes, and proper digital and Bluebook presentation from the original edition.

Android Hacker's Handbook - Joshua J. Drake 2014-03-26

The first comprehensive guide to discovering and preventingattacks on the Android OS As the Android operating system continues to increase its shareof the smartphone market, smartphone hacking remains a growingthreat. Written by experts who rank among the world's foremostAndroid security researchers, this book presents vulnerabilitydiscovery, analysis, and exploitation tools for the good guys.Following a detailed explanation of how the Android OS works andits overall security architecture, the authors examine howvulnerabilities can be discovered and exploits developed forvarious system components, preparing you to defend againstthem. If you are a

mobile device administrator, security researcher,Android app developer, or consultant responsible for evaluatingAndroid security, you will find this guide is essential to yourtoolbox. A crack team of leading Android security researchers explainAndroid security risks, security design and architecture, rooting,fuzz testing, and vulnerability analysis Covers Android application building blocks and security as wellas debugging and auditing Android apps Prepares mobile device administrators, security researchers,Android app developers, and security consultants to defend Androidsystems against attack Android Hacker's Handbook is the first comprehensiveresource for IT professionals charged with smartphonesecurity.

Hacking For Beginners - 2010-12-09

Google Hacking for Penetration Testers - Johnny Long 2011-04-18

This book helps people find sensitive information on the Web. Google is one of the 5 most popular sites on the internet with more than 380 million unique users per month (Nielsen/NetRatings 8/05). But, Google's search capabilities are so powerful, they sometimes discover content that no one ever intended to be publicly available on the Web including: social security numbers, credit card numbers, trade secrets, and federally classified documents. Google Hacking for Penetration Testers Volume 2 shows the art of manipulating Google used by security professionals and system administrators to find this sensitive information and "self-police their own organizations. Readers will learn how Google Maps and Google Earth provide pinpoint military accuracy, see how bad guys can manipulate Google to create super worms, and see how they can "mash up" Google with MySpace, LinkedIn, and more for passive reconaissance. • Learn Google Searching Basics Explore Google's Web-based Interface, build Google queries, and work with Google URLs. • Use Advanced Operators to Perform Advanced Queries Combine advanced operators and learn about colliding operators and bad search-fu. • Learn the Ways of the Google Hacker See how to use caches for anonymity and review directory listings and traversal techniques. • Review Document Grinding and Database Digging See the ways to use Google to locate documents and then search within the documents to locate information. • Understand Google's Part in an Information Collection Framework Learn the principles of automating searches and the applications of data mining. • Locate Exploits and Finding Targets Locate exploit code and then vulnerable targets. • See Ten Simple Security Searches Learn a few searches that give good results just about every time and are good for a security assessment. • Track Down Web Servers Locate and profile web servers, login portals, network hardware and utilities. • See How Bad Guys Troll for Data Find ways to search for usernames, passwords, credit card numbers, social security numbers, and other juicy information. • Hack Google Services Learn more about the AJAX Search API, Calendar, Blogger, Blog Search, and more.

Hope for Newborns - Rodge Glass 2009-06-04

Twenty-nine-year-old Lewis's family are the definition of dysfunctional: his brothers, living estranged and unknown lives in Texas and Toronto, his mother, confined in her self-imposed silent state in a room full of fish and amphibians and his father, at work in the Victory Barber Shop where customers are surrounded by souvenirs of wartime Europe. And Lewis, caught between working at a recruitment agency, helping his father out in the barbers and keeping his mother in touch with world news.

The Trump Administration and International Law - Harold Hongju Koh 2018-09-17

Will Donald trump international law? Since Trump's Administration took office, this question has haunted almost every issue area of international law. One of our leading international lawyers-a former Legal Adviser of the US State Department, Assistant Secretary of State for Human Rights, and Yale Law Dean-argues that President Trump has thus far enjoyed less success than many believe, because he does not own the pervasive "transnational legal process" that governs these issue areas. This book shows how those opposing Trump's policies during his administration's first two years have successfully triggered that process as part of a collective counter-strategy akin to Muhammad Ali's "rope-a-dope." The book surveys immigration and refugee law, human rights, climate change, denuclearization, trade diplomacy, relations with North Korea,

Russia and Ukraine, America's "Forever War" against Al Qaeda and the Islamic State, and the ongoing tragedy in Syria. Koh's tour d'horizon illustrates the many techniques that players in the transnational legal process have used to blunt Trump's early initiatives. The high stakes of this struggle, and its broader implications for the future of global governance-now challenged by the rise of populist authoritarians-make this exhausting counter-strategy both worthwhile and necessary.

Open-Source Lab - Joshua M. Pearce 2013-10-04

Open-Source Lab: How to Build Your Own Hardware and Reduce Scientific Research Costs details the development of the free and open-source hardware revolution. The combination of open-source 3D printing and microcontrollers running on free software enables scientists, engineers, and lab personnel in every discipline to develop powerful research tools at unprecedented low costs. After reading Open-Source Lab, you will be able to: Lower equipment costs by making your own hardware Build open-source hardware for scientific research Actively participate in a community in which scientific results are more easily replicated and cited Numerous examples of technologies and the open-source user and developer communities that support them Instructions on how to take advantage of digital design sharing Explanations of Arduinos and RepRaps for scientific use A detailed guide to open-source hardware licenses and basic principles of intellectual property

Hacking: The Art of Exploitation, 2nd Edition - Jon Erickson 2008-02-01

Hacking is the art of creative problem solving, whether that means finding an unconventional solution to a difficult problem or exploiting holes in sloppy programming. Many people call themselves hackers, but few have the strong technical foundation needed to really push the envelope. Rather than merely showing how to run existing exploits, author Jon Erickson explains how arcane hacking techniques actually work. To share the art and science of hacking in a way that is accessible to everyone, Hacking: The Art of Exploitation, 2nd Edition introduces the fundamentals of C programming from a hacker's perspective. The included LiveCD provides a complete Linux programming and debugging environment—all without modifying your current operating system. Use it to follow along with the book's examples as you fill gaps in your knowledge and explore hacking techniques on your own. Get your hands dirty debugging code, overflowing buffers, hijacking network communications, bypassing protections, exploiting cryptographic weaknesses, and perhaps even inventing new exploits. This book will teach you how to: – Program computers using C, assembly language, and shell scripts – Corrupt system memory to run arbitrary code using buffer overflows and format strings – Inspect processor registers and system memory with a debugger to gain a real understanding of what is happening – Outsmart common security measures like nonexecutable stacks and intrusion detection systems – Gain access to a remote server using port-binding or connect-back shellcode, and alter a server's logging behavior to hide your presence – Redirect network traffic, conceal open ports, and hijack TCP connections – Crack encrypted wireless traffic using the FMS attack, and speed up brute-force attacks using a password probability matrix Hackers are always pushing the boundaries, investigating the unknown, and evolving their art. Even if you don't already know how to program, Hacking: The Art of Exploitation, 2nd Edition will give you a complete picture of programming, machine architecture, network communications, and existing hacking techniques. Combine this knowledge with the included Linux environment, and all you need is your own creativity.

Register, 1499 to 1913 - Giggleswick School, Giggleswick, Eng 1913

Global Business Leadership Development for the Fourth Industrial Revolution - Smith, Peter 2020-09-25

As the world has adapted to the age of digital technology, present day business leaders are required to change with the times as well. Addressing and formatting their business practices to not only encompass digital technologies, but expand their capabilities, the leaders of today must be flexible and willing to familiarize themselves with all types of global business practices. Global Business Leadership Development for the Fourth Industrial Revolution is a collection of

advanced research on the methods and tactics utilized to succeed as a leader in the digital age. While highlighting topics including data privacy, corporate governance, and risk management, this book is ideally designed for business professionals, administrators, managers, executives, researchers, academicians, and business students who want to improve their understanding of the strategic role of digital technologies in the global economy, in networks and organizations, in teams and work groups, in information systems, and at the level of individuals as actors in digitally networked environments

Crisis Communication Strategies - Amanda Coleman 2020-05-03

Crisis communication is high stakes work. For communications managers and PR professionals, it's likely to be the most stressful time of their working life. Crisis Communication Strategies is a must-have handbook which covers the whole span of the crisis from preparing and laying the groundwork before it occurs, during the incident, and the aftermath, including the move to recovery. It guides readers through each phase, providing details of what to consider, what should be done, and tips and checklists for improved responses. Crisis Communication Strategies equips readers to deal with any kind of crisis - whether caused by internal error, customer action, natural disasters, terrorism or political upheaval. Supported by case studies and examples from responses to events including the 2011 Norway terror attacks, the 2018 British Airways data breach, the 2017 Pepsi advert and the 2005 Hurricane Katrina New Orleans floods, the book explores the role of leadership in a crisis and developing a crisis communication response that has people at the heart of it. Crisis Communication Strategies is the essential guide for PR and communication professionals to protecting your company and building true, long-term resilience.

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.

HISTORY OF NEW NETHERLAND; OR, NEW YORK UNDER THE DUTCH - E.B. O'CALLAGHAN, M.D. 1855

CEH Certified Ethical Hacker Study Guide - Kimberly Graves 2010-06-03

Full Coverage of All Exam Objectives for the CEH Exams 312-50 and EC0-350 Thoroughly prepare for the challenging CEH Certified Ethical Hackers exam with this comprehensive study guide. The book provides full coverage of exam topics, real-world examples, and includes a CD with chapter review questions, two full-length practice exams, electronic flashcards, a glossary of key terms, and the entire book in a searchable pdf e-book. What's Inside: Covers ethics and legal issues, footprinting, scanning, enumeration, system hacking, trojans and backdoors, sniffers, denial of service, social engineering, session hijacking, hacking Web servers, Web application vulnerabilities, and more Walks you through exam topics and includes plenty of real-world scenarios to help reinforce concepts Includes a CD with an assessment test, review questions, practice exams, electronic flashcards, and the entire book in a searchable pdf

The Art of Intrusion - Kevin D. Mitnick 2009-03-17

Hacker extraordinaire Kevin Mitnick delivers the explosive encore to his bestselling The Art of Deception Kevin Mitnick, the world's most celebrated hacker, now devotes his life to helping businesses and governments combat data thieves, cybervandals, and other malicious

computer intruders. In his bestselling The Art of Deception, Mitnick presented fictionalized case studies that illustrated how savvy computer crackers use "social engineering" to compromise even the most technically secure computer systems. Now, in his new book, Mitnick goes one step further, offering hair-raising stories of real-life computer break-ins-and showing how the victims could have prevented them. Mitnick's reputation within the hacker community gave him unique credibility with the perpetrators of these crimes, who freely shared their stories with him-and whose exploits Mitnick now reveals in detail for the first time, including: A group of friends who won nearly a million dollars in Las Vegas by reverse-engineering slot machines Two teenagers who were persuaded by terrorists to hack into the Lockheed Martin computer systems Two convicts who joined forces to become hackers inside a Texas prison A "Robin Hood" hacker who penetrated the computer systems of many prominent companies-andthen told them how he gained access With riveting "you are there" descriptions of real computer break-ins, indispensable tips on countermeasures security professionals need to implement now, and Mitnick's own acerbic commentary on the crimes he describes, this book is sure to reach a wide audience-and attract the attention of both law enforcement agencies and the media.

Hacking- The art Of Exploitation - J. Erickson 2018-03-06

This text introduces the spirit and theory of hacking as well as the science behind it all; it also provides some core techniques and tricks of hacking so you can think like a hacker, write your own hacks or thwart potential system attacks.

Internal Teen Machine -

Semi-State Actors in Cybersecurity - Florian J. Egloff 2022

Using a historical analogy as a research strategy: histories of the sea and cyberspace, comparison, and locating the analogy in time -- History of the loosely governed sea between the 16th-19th century: from the age of privateering to its abolition -- Brief history of cyberspace: origins and development of (in-)security in cyberspace -- The sea and cyberspace: comparison and analytical lines of inquiry applying the analogy to cybersecurity -- Cyber pirates and privateers: state proxies, criminals, and independent patriotic hackers -- Cyber mercantile companies conflict and cooperation.

Hacking GMail - Ben Hammersley 2006-01-04

Provides information on getting the most out of Gmail, covering such topics as desktop integration, creating custom Gmail skins with CSS, reading Gmail with RSS, and creating APIs in Perl and Python.

The Hardware Hacking Handbook - Jasper van Woudenberg 2021-12-21

The Hardware Hacking Handbook takes you deep inside embedded devices to show how different kinds of attacks work, then guides you through each hack on real hardware. Embedded devices are chip-size microcomputers small enough to be included in the structure of the object they control, and they’re everywhere—in phones, cars, credit cards, laptops, medical equipment, even critical infrastructure. This means understanding their security is critical. The Hardware Hacking Handbook takes you deep inside different types of embedded systems, revealing the designs, components, security limits, and reverse-engineering challenges you need to know for executing effective hardware attacks. Written with wit and infused with hands-on lab experiments, this handbook puts you in the role of an attacker interested in breaking security to do good. Starting with a crash course on the architecture of embedded devices, threat modeling, and attack trees, you’ll go on to explore hardware interfaces, ports and communication protocols, electrical signaling, tips for analyzing firmware images, and more. Along the way, you’ll use a home testing lab to perform fault-injection, side-channel (SCA), and simple and differential power analysis (SPA/DPA) attacks on a variety of real devices, such as a crypto wallet. The authors also share insights into real-life attacks on embedded systems, including Sony’s PlayStation 3, the Xbox 360, and Philips Hue lights, and provide an appendix of the equipment needed for your hardware hacking lab – like a multimeter and an oscilloscope – with options for every type of budget. You’ll learn: How to model security threats, using attacker profiles, assets, objectives, and countermeasures

Electrical basics that will help you understand communication interfaces, signaling, and measurement How to identify injection points for executing clock, voltage, electromagnetic, laser, and body-biasing fault attacks, as well as practical injection tips How to use timing and power analysis attacks to extract passwords and cryptographic keys Techniques for leveling up both simple and differential power analysis, from practical measurement tips to filtering, processing, and visualization Whether you're an industry engineer tasked with understanding these attacks, a student starting out in the field, or an electronics hobbyist curious about replicating existing work, The Hardware Hacking Handbook is an indispensable resource – one you'll always want to have onhand.

Ethical Hacking With Kali Linux - Hugo Hoffman 2020-04-12

The contents in this book will provide practical hands on implementation and demonstration guide on how you can use Kali Linux to deploy various attacks on both wired and wireless networks. If you are truly interested in becoming an Ethical Hacker or Penetration Tester, this book is for you.NOTE: If you attempt to use any of this tools on a wired or wireless network without being authorized and you disturb or damage any systems, that would be considered illegal black hat hacking. Therefore, I would like to encourage all readers to implement any tool described in this book for WHITE HAT USE ONLY!BUY THIS BOOK NOW AND GET STARTED TODAY!This book will cover: -How to Install Virtual Box & Kali Linux-Pen Testing @ Stage 1, Stage 2 and Stage 3-What Penetration Testing Standards exist-How to scan for open ports, host and network devices-Burp Suite Proxy setup and Spidering hosts-How to deploy SQL Injection with SQLmap-How to implement Dictionary Attack with Airodump-ng-How to deploy ARP Poisoning with EtterCAP-How to capture Traffic with Port Mirroring & with Xplico-How to deploy Passive Reconnaissance-How to implement MITM Attack with Ettercap & SSLstrip-How to Manipulate Packets with Scapy-How to deploy Deauthentication Attack-How to capture IPv6 Packets with Parasite6-How to deploy Evil Twin Deauthentication Attack with mdk3-How to deploy DoS Attack with MKD3-How to implement Brute Force Attack with TCP Hydra-How to deploy Armitage Hail Mary-The Metasploit Framework-How to use SET aka Social-Engineering Toolkit and more.BUY THIS BOOK NOW AND GET STARTED TODAY!

Confident Cyber Security - Jessica Barker 2020-09-10

The world is more digitally connected than ever before, and with this connectivity, comes vulnerability. It is therefore vital that all professionals understand cyber risk and how to minimize it. This means that cyber security skills are in huge demand, and there are vast career opportunities to be taken. Confident Cyber Security is here to help. This jargon-busting guide will give you a clear overview of the world of cyber security. Exploring everything from the human side to the technical and physical implications, this book takes you through the fundamentals: how to keep secrets safe, how to stop people being manipulated and how to protect people, businesses and countries from those who wish to do harm. Featuring real-world case studies from Disney, the NHS, Taylor Swift and Frank Abagnale, as well as social media influencers and the entertainment and other industries, this book is packed with clear explanations, sound advice and practical exercises to help you understand and apply the principles of cyber security. Let Confident Cyber Security give you that cutting-edge career boost you seek. About the Confident series... From coding and web design to data, digital content and cyber security, the Confident books are the perfect beginner's resource for enhancing your professional life, whatever your career path.

Greasemonkey Hacks - Mark Pilgrim 2005-11-15

A guide to Greasemonkey, a Firefox extension, that allows users to modify Web pages that are visited.

Hacking For Dummies - Kevin Beaver 2018-07-11

Stop hackers before they hack you! In order to outsmart a would-be hacker, you need to get into the hacker's mindset. And with this book, thinking like a bad guy has never been easier. In Hacking For Dummies, expert author Kevin Beaver shares his knowledge on penetration testing, vulnerability assessments, security best practices, and every aspect of ethical hacking that is essential in order to stop a hacker in their tracks. Whether you're worried about your laptop, smartphone, or desktop

computer being compromised, this no-nonsense book helps you learn how to recognize the vulnerabilities in your systems so you can safeguard them more diligently—with confidence and ease. Get up to speed on Windows 10 hacks Learn about the latest mobile computing hacks Get free testing tools Find out about new system updates and improvements There's no such thing as being too safe—and this resourceful guide helps ensure you're protected.

Industry of Anonymity - Jonathan Lusthaus 2018-10-16

Jonathan Lusthaus lifts the veil on cybercriminals in the most extensive account yet of the lives they lead and the vast international industry they have created. Having traveled to hotspots around the world to meet with hundreds of law enforcement agents, security gurus, hackers, and criminals, he charts how this industry based on anonymity works.

The 2017 Gulf Crisis - Mahjoob Zweiri 2020-11-09

This book provides an overview of the origins, repercussions and projected future of the ongoing Gulf crisis, as well as an analysis of the major issues and debates relating to it. The Gulf region witnessed an extraordinary rift when, on 5 June 2017, Saudi Arabia, the United Arab Emirates and Bahrain cut all diplomatic ties and imposed a siege on the State of Qatar following the hacking of the Qatar News Agency website. This book approaches the Gulf crisis from an interdisciplinary perspective by bringing together a group of top scholars from a wide range of disciplines and areas of expertise to engage in a nuanced debate on the current crisis. With the pressing role of media in general and social media in particular, new political realities have been created in the region. The book addresses the role that cyber and information security play on politics, as well as the shift of alliances in the region as a result of the crisis. It scrutinizes the role of media and information technology in creating political cultures as well as conflicts. The book also explores the long-term economic implications of the siege imposed on Qatar and identifies how the country's economy is adjusting to the impact of the siege. Thus, the book considers the extent of social and economic changes that the crisis has brought to the region. This book invites in-depth understanding of the regional crisis and its implications on nation building and the reconfiguration of political and economic alliances across the region. It will appeal to a broad interdisciplinary readership in the area of Gulf studies.

Supply Chain 4.0 - Emel Aktas 2021-02-03

'Supply Chain 4.0' has introduced automation into logistics and supply chain processes, exploiting predictive analytics to better match supply with demand, optimizing operations and using the latest technologies for the last mile delivery such as drones and autonomous robots. Supply Chain 4.0 presents new methods, techniques, and information systems that support the coordination and optimization of logistics processes, reduction of operational costs as well as the emergence of entirely new services and business processes. This edited collection includes contributions from leading international researchers from academia and industry. It considers the latest technologies and operational research methods available to support smart, integrated, and sustainable logistics practices focusing on automation, big data, Internet of Things, and decision support systems for transportation and logistics. It also highlights market requirements and includes case studies of cutting-edge applications from innovators in the logistics industry.

Underground - Suelette Dreyfus 2012-01-05

Suelette Dreyfus and her co-author, WikiLeaks founder Julian Assange, tell the extraordinary true story of the computer underground, and the bizarre lives and crimes of an elite ring of international hackers who took on the establishment. Spanning three continents and a decade of high level infiltration, they created chaos amongst some of the world's biggest and most powerful organisations, including NASA and the US military. Brilliant and obsessed, many of them found themselves addicted to hacking and phreaking. Some descended into drugs and madness, others ended up in jail. As riveting as the finest detective novel and meticulously researched, Underground follows the hackers through their crimes, their betrayals, the hunt, raids and investigations. It is a gripping tale of the digital underground.

Cybersecurity for Business - Larry Clinton 2022-04-03

Balance the benefits of digital transformation with the associated risks

with this guide to effectively managing cybersecurity as a strategic business issue. Important and cost-effective innovations can substantially increase cyber risk and the loss of intellectual property, corporate reputation and consumer confidence. Over the past several years, organizations around the world have increasingly come to appreciate the need to address cybersecurity issues from a business perspective, not just from a technical or risk angle. Cybersecurity for Business builds on a set of principles developed with international leaders from technology, government and the boardroom to lay out a clear roadmap of how to meet goals without creating undue cyber risk. This essential guide outlines the true nature of modern cyber risk, and how it can be assessed and managed using modern analytical tools to put cybersecurity in business terms. It then describes the roles and responsibilities each part of the organization has in implementing an effective enterprise-wide cyber risk management program, covering critical issues such as incident response, supply chain management and creating a culture of security. Bringing together a range of experts and senior leaders, this edited collection enables leaders and students to understand how to manage digital transformation and cybersecurity from a business perspective.

Mind Hacking - John Hargrave 2017-09-12

Presents a twenty-one-day, three-step training program to achieve healthier thought patterns for a better quality of life by using the repetitive steps of analyzing, imagining, and reprogramming to help break down the barriers, including negative thought loops and mental roadblocks.

Self-Publishing for Beginners - Learn2succeed.com Incorporated 2015-03-26

Software to help prepare a manuscript and conduct research. Ways to edit and proofread plus the cataloguing, copyright and legal stuff. How to publish and market print books and sell online. How to prepare eBooks and the self-publishing alternatives. Learn about pricing and how to sell through resellers.

Veterinary Medicine - 1926

Advanced Methods in Automatic Item Generation - Mark J. Gierl 2021-05-18

Advanced Methods in Automatic Item Generation is an up-to-date survey of the growing research on automatic item generation (AIG) in today’s technology-enhanced educational measurement sector. As test administration procedures increasingly integrate digital media and Internet use, assessment stakeholders—from graduate students to scholars to industry professionals—have numerous opportunities to study and create different types of tests and test items. This comprehensive analysis offers thorough coverage of the theoretical foundations and concepts that define AIG, as well as the practical considerations required to produce and apply large numbers of useful test items.

Hackerspaces - Sarah R. Davies 2017-03-16

A new industrial revolution. The age of making. From bits to atoms. Many people are excited by the possibilities offered by new fabrication technologies like 3D printers, and the way in which they are being used in hacker and makerspaces. But why is the power of hacking and making an idea whose time has come? Hackerspaces: Making the Maker Movement takes the rise of the maker movement as its starting point. Hacker and makerspaces, fab labs, and DIY bio spaces are emerging all over the world. Based on a study of hacker and makerspaces across the US, the book explores cultures of hacking and making in the context of wider social changes, arguing that excitement about the maker movement is not just about the availability of new technologies, but the kinds of citizens we are expected to be.

The Plot to Hack America - Malcolm W. Nance 2016-09-20

The New York Times–bestselling author and counterterrorism expert tells the story of the 2016 Russian attacks on our democracy, and those who enabled them. In April 2016, computer technicians at the Democratic National Committee discovered that someone had accessed the organization’s servers and conducted a theft that is best described as Watergate 2.0. In the weeks that followed, the nation’s top computer security experts discovered that the thieves had helped themselves to everything: sensitive documents, emails, donor information, even voice

mails. Soon after, the Democratic congressional campaign, the Clinton campaign, and members of the media were also hacked. Credit card numbers, phone numbers, and contacts were stolen. In short order, the FBI found that more than twenty-five state election offices had their voter registration systems probed or attacked by the same hackers. Western intelligence agencies tracked the hack to Russian spy agencies and dubbed them the “Cyber Bears.” The media was soon flooded with the stolen information channeled through Julian Assange, the founder of WikiLeaks. It was a massive attack on America but the Russian hacks appeared to have a singular goal—elect Donald J. Trump as president. In this book, the author of Defeating ISIS, career intelligence officer, and MSNBC terrorism expert Malcolm Nance recounts Vladimir Putin’s rise through the KGB to spymaster-in-chief and spells out how he performed the ultimate political manipulation—convincing Trump to abandon seventy years of American foreign policy. The Plot to Hack America is the compelling true story of how Putin’s spy agency, run by the Russian billionaire class, used the promise of power and influence to cultivate Trump as well as his closest aides to become unwitting assets of the Russian government in their quest to end 240 years of free and fair American democratic elections. “The Plot to Hack America reads like a spy thriller, but it’s all too real.” —US Daily Review

Rewired - Ryan Ellis 2019-04-25

Examines the governance challenges of cybersecurity through twelve, real-world case studies Through twelve detailed case studies, this superb collection provides an overview of the ways in which government officials and corporate leaders across the globe are responding to the challenges of cybersecurity. Drawing perspectives from industry, government, and academia, the book incisively analyzes the actual issues, and provides a guide to the continually evolving cybersecurity ecosystem. It charts the role that corporations, policymakers, and technologists are playing in defining the contours of our digital world. Rewired: Cybersecurity Governance places great emphasis on the interconnection of law, policy, and technology in cyberspace. It examines some of the competing organizational efforts and institutions that are attempting to secure cyberspace and considers the broader implications of the in-place and unfolding efforts—tracing how different notions of cybersecurity are deployed and built into stable routines and practices. Ultimately, the book explores the core tensions that sit at the center of cybersecurity efforts, highlighting the ways in which debates about cybersecurity are often inevitably about much more. Introduces the legal and policy dimensions of cybersecurity Collects contributions from an international collection of scholars and practitioners Provides a detailed "map" of the emerging cybersecurity ecosystem, covering the role that corporations, policymakers, and technologists play Uses accessible case studies to provide a non-technical description of key terms and technologies Rewired: Cybersecurity Governance is an excellent guide for all policymakers, corporate leaders, academics, students, and IT professionals responding to and engaging with ongoing cybersecurity challenges.

Arduino for Beginners - John Baichtal 2013-10-20

Covers the basics of Arduino to create interactive projects, with information on such topics as breadboarding, soldering, setting up wireless connections, and safety.

Cyber War and Cyber Peace - Eliza Campbell 2022-06-02

The Middle East is the region in which the first act of cyber warfare took place. Since then, cyber warfare has escalated and has completely altered the course of the MENA region's geopolitics. With a foreword by top national security and cyber expert, Richard A. Clarke, this is the first anthology to specifically investigate the history and state of cyber warfare in the Middle East. It gathers an array of technical practitioners, social science scholars, and legal experts to provide a panoramic overview and cross-sectional analysis covering four main areas: privacy and civil society; the types of cyber conflict; information and influence operations; and methods of countering extremism online. The book highlights the real threat of hacktivism and informational warfare between state actors and the specific issues affecting the MENA region. These include digital authoritarianism and malware attacks in the Middle East, analysis of how ISIS and the Syrian electronic army use the

internet, and the impact of disinformation and cybercrime in the Gulf. The book captures the flashpoints and developments in cyber conflict in the past 10 years and offers a snapshot of the region's still-early cyber history. It also clarifies how cyber warfare may develop in the near- to medium-term future and provides ideas of how its greatest risks can be avoided.

The Politics of Cybersecurity in the Middle East - James Shires 2022-05-01

Cybersecurity is a complex and contested issue in international politics. By focusing on the 'great powers'--the US, the EU, Russia and China--studies in the field often fail to capture the specific politics of cybersecurity in the Middle East, especially in Egypt and the GCC states. For these countries, cybersecurity policies and practices are entangled with those of long-standing allies in the US and Europe, and are built on reciprocal flows of data, capital, technology and expertise. At the same time, these states have authoritarian systems of governance more reminiscent of Russia or China, including approaches to digital technologies centred on sovereignty and surveillance. This book is a pioneering examination of the politics of cybersecurity in the Middle East. Drawing on new interviews and original fieldwork, James Shires shows how the label of cybersecurity is repurposed by states, companies and other organisations to encompass a variety of concepts, including state conflict, targeted spyware, domestic information controls, and foreign interference through leaks and disinformation. These shifting meanings shape key technological systems as well as the social relations underpinning digital development. But however the term is interpreted, it is clear that cybersecurity is an integral aspect of the region's contemporary politics.

Ethical Hacking - Alana Maurushat 2019-04-09

How will governments and courts protect civil liberties in this new era of hacktivism? Ethical Hacking discusses the attendant moral and legal issues. The first part of the 21st century will likely go down in history as the era when ethical hackers opened governments and the line of transparency moved by force. One need only read the motto “we open governments” on the Twitter page for Wikileaks to gain a sense of the sea change that has occurred. Ethical hacking is the non-violent use of a technology in pursuit of a cause—political or otherwise—which is often legally and morally ambiguous. Hacktivists believe in two general but spirited principles: respect for human rights and fundamental freedoms, including freedom of expression and personal privacy; and the responsibility of government to be open, transparent and fully accountable to the public. How courts and governments will deal with hacking attempts which operate in a grey zone of the law and where different ethical views collide remains to be seen. What is undisputed is that Ethical Hacking presents a fundamental discussion of key societal questions. A fundamental discussion of key societal questions. This book is published in English. - La première moitié du XXIe siècle sera sans doute reconnue comme l’époque où le piratage éthique a ouvert de force les gouvernements, déplaçant les limites de la transparence. La page twitter de Wikileaks enchâsse cet ethos à même sa devise, « we open governments », et sa volonté d’être omniprésent. En parallèle, les grandes sociétés de technologie comme Apple se font compétition pour produire des produits de plus en plus sécuritaires et à protéger les données de leurs clients, alors même que les gouvernements tentent de limiter et de décrypter ces nouvelles technologies d’encryption. Entre-temps, le marché des vulnérabilités en matière de sécurité augmente à mesure que les experts en sécurité informatique vendent des vulnérabilités de logiciels des grandes technologies, dont Apple et Google, contre des sommes allant de 10 000 à 1,5 million de dollars. L’activisme en sécurité est à la hausse. Le piratage éthique est l’utilisation non-violence d’une technologie quelconque en soutien d’une cause politique ou autre qui est souvent ambigue d’un point de vue juridique et moral. Le hacking éthique peut désigner les actes de vérification de pénétration professionnelle ou d’experts en sécurité informatique, de même que d’autres formes d’actions émergentes, comme l’hacktivisme et la désobéissance civile en ligne. L’hacktivisme est une forme de piratage éthique, mais également une forme de militantisme des droits civils à l’ère numérique. En principe, les adeptes

du hacktivisme croient en deux grands principes : le respect des droits de la personne et les libertés fondamentales, y compris la liberté d'expression et à la vie privée, et la responsabilité des gouvernements d'être ouverts, transparents et pleinement redevables au public. En pratique, toutefois, les antécédents comme les agendas des hacktivistes sont fort diversifiés. Il n'est pas clair de quelle façon les tribunaux et les gouvernements traiteront des tentatives de piratage eu égard aux zones grises juridiques, aux approches éthiques conflictuelles, et compte tenu du fait qu'il n'existe actuellement, dans le monde, presque aucune exception aux provisions, en matière de cybercrime et de crime informatique, liées à la recherche sur la sécurité ou l'intérêt public. Il sera également difficile de déterminer le lien entre hacktivisme et droits civils. Ce livre est publié en anglais.