Hacking University Junior Edition Learn Python Computer Programming From Scratch Become A Python Zero To Hero The Ultimate Beginners Guide In Mastering Freedom And Data Driven Series Book 3

A fast, hands-on introduction to offensive hacking techniques Hands-On Hacking teaches readers to see through the eyes of their adversary and apply hacking techniques to better understand real-world risks to computer networks and data. Readers will benefit from the author's years of experience in the field hacking into computer networks and ultimately training others in the art of cyber-attacks. This book holds no punches and explains the tools, tactics and procedures used by ethical hackers and criminal crackers alike. We will take you on a journey through a hacker's perspective when focused on the computer infrastructure of a target company, exploring how to access the servers and data. Once the information gathering stage is complete, you'll look for flaws and their known exploits—including tools developed by real-world government financed state-actors. • An introduction to the same hacking techniques that malicious hackers will use against an organization • Written by infosec experts with proven history of publishing vulnerabilities and highlighting security flaws • Based on the tried and tested material used to train hackers all over the world in the art of breaching networks • Covers the fundamental basics of how computer networks are inherently vulnerable to attack, teaching the student how to apply hacking skills to uncover vulnerabilities We cover topics of breaching a company from the external network perimeter, hacking internal enterprise systems and web application vulnerabilities. Delving into the basics of exploitation with real-world practical examples, you won't find any hypothetical academic only attacks here. From start to finish this book will take the student through the steps necessary to breach an organization to improve its security. Written by world-renowned cybersecurity experts and educators, Hands-On Hacking teaches entry-level professionals seeking to learn ethical hacking techniques. If you are looking to understand penetration testing and ethical hacking, this book takes you from basic methods to advanced techniques in a structured learning format.

Imagine a couple young hacktivists, both former members of the internet freedom fighters group Anonymous, and one of them an ex-black ops officer, breaking away and creating a militant group of anarchists committed to social change. But social change precipitated by acts of violence against CEOs of major corporations responsible for crimes against humanity. Their group, Emergent Movement of Militant Anarchists, or EMMA, believes the power elite will never listen to hollow threats or become intimidated by pranksters like Anonymous. They will listen only when they are forced to live in a state of terror.That's the mere skeleton of the plot, but what follows, the twists and turns, the surprises, the action and suspense, and the masterful way the author delves into the lives of the principal characters, adds the beef. A black ops officer turned terrorist is not the story of a renegade NCS commando gone bonkers. Rather the novel tells of a young man, Brent Cossack, accepted into Georgetown University, who decides to forgo college and join the military. As a CIA operative in Iraq, he discovers an ugly truth, and resigns. He returns home and falls in love with a beautiful political activist. Everything seems just swell, until a terrible event in his life pushes him over the edge.FBI agent Rick Clark finds himself in the middle of an investigation that forces him to relive the saddest time in his life. Since his divorce, he has lived alone, avoiding relationships, except those established at work out of necessity, and one established at home, out of choice, with his commiserating dog, Thomas. Marty Robins, a psychologist involved in the investigation, helps resuscitate life into Rick, but his real savior comes later in the form of an unexpected hero that restores hope and meaning in his fragmented life.

This is a 2 book bundle related to Hacking Computers and dominating the Python programming language! Two manuscripts for the price of one! What's included in this 2 book bundle manuscript: Hacking University: Freshman Edition Essential Beginner's Guide on How to Become an Amateur Hacker (Hacking, How to Hack, Hacking for Beginners, Computer Hacking) Hacking University: Junior Edition. Learn Python Computer Programming from Scratch: Become a Python Zero to Hero. The Ultimate Beginners Guide in Mastering the Python Language In Hacking University Freshman Edition, you will learn: The rich history behind hacking Modern security and its place in the business world Common terminology and technical jargon in security How to program a fork bomb How to crack a Wi-Fi password Methods for protecting and concealing yourself as a hacker How to prevent counter-hacks and deter government surveillance The different types of malware and what they do Various types of hacking attacks and how perform or protect yourself from them And much more! In Hacking University Junior Edition you will learn: The history of Python Language The benefits of learning Python and the job market outlook when learning Python Setting Up a Development Environment Variables, Variable Types, Inputs, String Formatting, Decision Structures, Conditional Operators, Loops Several Programming Examples to make sure you practice what you learn String Formatting and Programming Concepts Classes, Special Methods, and Inheritance Key Modules, and Common Errors And a WHOLE lot more! Get your copy today! Scroll up and hit the buy button to download now!

Who are computer hackers? What is free software? And what does the emergence of a community dedicated to the production of free and open source software--and to hacking as a technical, aesthetic, and moral project--reveal about the values of contemporary liberalism? Exploring the rise and political significance of the free and open source software (F/OSS) movement in the United States and Europe, Coding Freedom details the ethics behind hackers' devotion to F/OSS, the social codes that guide its production, and the political struggles through which hackers question the scope and direction of copyright and patent law. In telling the story of the F/OSS movement, the book unfolds a broader narrative involving computing, the politics of access, and intellectual property. E. Gabriella Coleman tracks the ways in which hackers collaborate and examines passionate manifestos, hacker humor, free software project governance, and festive hacker conferences. Looking at the ways that hackers sustain their productive freedom, Coleman shows that these activists, driven by a commitment to their work, reformulate key ideals including free speech, transparency, and meritocracy, and refuse restrictive intellectual protections. Coleman demonstrates how hacking, so often marginalized or misunderstood, sheds light on the continuing relevance of liberalism in online collaboration.

This edited collection brings together papers by eminent scholars who attempt to demonstrate how challenges can most successfully be ameliorated with an eye to enhancing the effectiveness of the processes of language teaching and learning. In Part One, emphasis is placed on challenges that second language education has to face, both those more general, dealing with language policy issues, and those more specific, concerned with instructional options in the language classroom. Part Two focuses on challenges involved in researching the

processes of teaching and learning in the second and foreign languages classroom, both with respect to research methodology and efforts to tap some variables impinging upon the effects of instruction. Finally, Part Three is devoted to challenges involved in second and foreign language teacher education, the quality of which to a large extent determines the outcomes of second language education in any educational context.

"Become a Python zero to hero. The ultimate beginners guide in mastering the Python language."--Title page and cover.

Explore embedded systems pentesting by applying the most common attack techniques and patterns Key Features Learn various pentesting tools and techniques to attack and secure your hardware infrastructure Find the glitches in your hardware that can be a possible entry point for attacks Discover best practices for securely designing products Book Description Hardware pentesting involves leveraging hardware interfaces and communication channels to find vulnerabilities in a device. Practical Hardware Pentesting will help you to plan attacks, hack your embedded devices, and secure the hardware infrastructure. Throughout the book, you will see how a specific device works, explore the functional and security aspects, and learn how a system senses and communicates with the outside world. You will start by setting up your lab from scratch and then gradually work with an advanced hardware lab. The book will help you get to grips with the global architecture of an embedded system and sniff on-board traffic. You will also learn how to identify and formalize threats to the embedded system and understand its relationship with its ecosystem. Later, you will discover how to analyze your hardware and locate its possible system vulnerabilities before going on to explore firmware dumping, analysis, and exploitation. Finally, focusing on the reverse engineering process from an attacker point of view will allow you to understand how devices are attacked, how they are compromised, and how you can harden a device against the most common hardware attack vectors. By the end of this book, you will be well-versed with security best practices and understand how they can be implemented to secure your hardware. What you will learn Perform an embedded system test and identify security critical functionalities Locate critical security components and buses and learn how to attack them Discover how to dump and modify stored information Understand and exploit the relationship between the firmware and hardware Identify and attack the security functions supported by the functional blocks of the device Develop an attack lab to support advanced device analysis and attacks Who this book is for This book is for security professionals and researchers who want to get started with hardware security assessment but don't know where to start. Electrical engineers who want to understand how their devices can be attacked and how to protect against these attacks will also find this book useful.

The Complete Hacking University Series is here! Learn everything you need to know to dominate and ensure the skills needed to hack and learn 2 popular programming languages. This book will contain 4 manuscripts related to the topics of hacking and programming. Hacking University: Graduation edition includes Volumes 1-4 in the "Hacking Freedom and Data Driven book series." Over 300+ pages of valuable information will be included in this bundle. The following titles are included in this book: Hacking University: Freshman Edition Essential Beginner's Guide on How to Become an Amateur Hacker (Hacking, How to Hack, Hacking for Beginners, Computer Hacking). Hacking University: Sophomore Edition. Essential Guide to Take Your Hacking Skills to the Next Level. Hacking Mobile Devices, Tablets, Game Consoles, and Apps. Hacking University: Junior Edition. Learn Python Computer Programming from Scratch: Become a Python Zero to Hero. The Ultimate Beginners Guide in Mastering The Python Language Hacking University: Senior Edition. Optimal Beginner's Guide to Precisely Learn and Conquer the Linux Operating System. A Complete Step-by-Step guide in How the Linux Command Line Works. This 4 book manuscript bundle was designed for beginner's but also for those with programming or anyone with the technical background. The "Hacking Freedom and Data Driven book series" has been widely acclaimed by readers as the go to guide for knowing the basis of hacking and learning 2 of the most important and widely used programming language. A brief overview that will be covered in this book includes, hacking computers, mobile phones, apps, game consoles, learning Python and Linux language. Keep in mind that this is 1 book that contains 4 manuscripts. Copies of the Hacking University books can be purchased separately and individually. But this bundle will provide you with everything you need to learn and save you money in the long run. Get your copy today! Scroll up and hit the buy button to download now!

This book takes as its starting point the assumption that interpersonal communication is a crucial aspect of successful language learning. Following an examination of different communicative models, the authors focus on traditional face-to-face (F2F) interactions, before going on to compare these with the forms of computer-mediated communication (CMC) enabled by recent developments in educational technology. They also address the question of individual differences, particularly learners' preferred participation styles, and explore how F2F and CMC formats might impact learners differently. This book will be of interest to students and scholars of computer-mediated communication (CMC), computer-assisted language learning (CALL), technology-enhanced language learning (TELL), language acquisition and language education more broadly.

Book (Hacking: Being A Teen Hacker) overview and key Learning Points- This work is not what most people would expect to read when they pick up a "hacking" book. Rather than showing the reader how to perform traditional penetration test attacks against networks and systems, we will be taking an unusual journey, intended to expand the mind of the reader and force them to Learn Key Points How to start Ethical Hacking & Computer Security Awareness from a completely different perspective. A step By Step Ethical Hacking Guide for Teens. Including Live 25 Google Hacks that force Peoples to think that Hackers (you) are Most Intelligent Guys on this earth. Hacking is the most exhilarating game on the planet. They Think that you are an Evil Genius. This Guide to (Mostly) Harmless Hacking can be your gateway into this world. After reading just a few from this Guides you will be able to pull off stunts that will be legal, phun, and will impress the heck out of your friends. This is first Hacking Book on this Earth for Teens, for elementary school students, junior high school students, and high school students. 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, World Famous Hackers & Author Harry Hariom Choudhary & Richard Pryce explains how arcane hacking techniques actually work. To share the art and science of hacking in a way that is accessible to everyone, Hacking: Being A Teen Hacker, What Inside Chapter-I (HISTORY_of_Computer_Hacking) A brief history of Computer Hacking. Top 10 Indian Hackers. Evolution of Hacking. The golden Era & Now. Criminalization. Hacker and cracker profiles. Who cracks? Chapter-II (Being_a_TEEN_Hacker) Resources. Books. Magazines and Newspapers. Forums and Mailing Lists. Websites. Chat. P2P. Chapter –III (Windows_and_Linux) What Is Operating System? Windows and Linux. Introduction and Objectives. Requirements and Setup. Requirements. Setup. System Operation: WINDOWS. How to

open an MS-DOS window. Commands and tools (Windows). System Operations: Linux. How to open a console window. Commands and tools (Linux). Chapter –IV (Ports_and_Protocols) Basic concepts of networks. Devices. Topologies. TCP/IP model. Layers. Application. Transport. Internet. Network Access. Protocols. Application layer protocols. Transport layer Protocols. Internet layer Protocols. IP Addresses. Ports. Encapsulation. Chapter-V (Services_and_Connections) SERVICES AND CONNECTIONS. Services. HTTP and The Web. E-Mail – POP and SMTP. IRC. FTP. Telnet and SSH. DNS. DHCP. Connections. ISPs. Plain Old Telephone Service. DSL. Cable Modems. Chapter-VI (System_Identification) Identifying a Server. Identifying the Owner of a Domain. Identifying the IP address of a Domain. Identifying Services. Ping and Trace Route. Banner Grabbing. Identifying Services from Ports and Protocols. System Finger printing. Scanning Remote Computers. Chapter-Vii (malwares) Viruses. Description. Boot Sector Viruses. The Executable File Virus. The Terminate and Stay Resident (TSR) Virus. The Polymorphic Virus. The Macro Virus. Worms. Trojans and Spyware. Description. Rootkits and Backdoors. Logic bombs and Time bombs. Counter measures. Anti-Virus. NIDS. HIDS. Firewalls. Sandboxes. Good Safety Advice. Chapter-Vii (Google live hacking) Gravity God on Earth Pac-man Mirror Google Hacker Barrel Roll Rainbow Sphere Spam Tilt or Askew Dragon Slayer Ninja Doodles Recursion Flight Simulator Anagram disappearing "OO" Annoying Epic Weenie Chicken Rolling

Data science libraries, frameworks, modules, and toolkits are great for doing data science, but they're also a good way to dive into the discipline without actually understanding data science. In this book, you'll learn how many of the most fundamental data science tools and algorithms work by implementing them from scratch. If you have an aptitude for mathematics and some programming skills, author Joel Grus will help you get comfortable with the math and statistics at the core of data science, and with hacking skills you need to get started as a data scientist. Today's messy glut of data holds answers to questions no one's even thought to ask. This book provides you with the know-how to dig those answers out. Get a crash course in Python Learn the basics of linear algebra, statistics, and probability—and understand how and when they're used in data science Collect, explore, clean, munge, and manipulate data Dive into the fundamentals of machine learning Implement models such as k-nearest Neighbors, Naive Bayes, linear and logistic regression, decision trees, neural networks, and clustering Explore recommender systems, natural language processing, network analysis, MapReduce, and databases

Praise for How Learning Works "How Learning Works is the perfect title for this excellent book. Drawing upon new research in psychology, education, and cognitive science, the authors have demystified a complex topic into clear explanations of seven powerful learning principles. Full of great ideas and practical suggestions, all based on solid research evidence, this book is essential reading for instructors at all levels who wish to improve their students' learning." —Barbara Gross Davis, assistant vice chancellor for educational development, University of California, Berkeley, and author, Tools for Teaching "This book is a must-read for every instructor, new or experienced. Although I have been teaching for almost thirty years, as I read this book I found myself resonating with many of its ideas, and I discovered new ways of thinking about teaching." —Eugenia T. Paulus, professor of chemistry, North Hennepin Community College, and 2008 U.S. Community Colleges Professor of the Year from The Carnegie Foundation for the Advancement of Teaching and the Council for Advancement and Support of Education "Thank you Carnegie Mellon for making accessible what has previously been inaccessible to those of us who are not learning scientists. Your focus on the essence of learning combined with concrete examples of the daily challenges of teaching and clear tactical strategies for faculty to consider is a welcome work. I will recommend this book to all my colleagues." —Catherine M. Casserly, senior partner, The Carnegie Foundation for the Advancement of Teaching "As you read about each of the seven basic learning principles in this book, you will find advice that is grounded in learning theory, based on research evidence, relevant to college teaching, and easy to understand. The authors have extensive knowledge and experience in applying the science of learning to college teaching, and they graciously share it with you in this organized and readable book." —From the Foreword by Richard E. Mayer, professor of psychology, University of California, Santa Barbara; coauthor, e-Learning and the Science of Instruction; and author, Multimedia Learning

This anthology is the first book to give a balanced overview of the competing theories of degrees of belief. It also explicitly relates these debates to more traditional concerns of the philosophy of language and mind and epistemic logic.

Hacking University Mobile Phone and App Hacking and the Ultimate Python Programming for BeginnersHacking Mobile Devices, Tablets, Game Consoles, Apps and Essential Beginners Guide to Learn Python from ScratchCreatespace Independent Publishing Platform

On May 21, 2010, Daniel J. Cohen and Tom Scheinfeldt posted the following provocative questions online: "Can an algorithm edit a journal? Can a library exist without books? Can students build and manage their own learning management platforms? Can a conference be held without a program? Can Twitter replace a scholarly society?" As recently as the mid-2000s, questions like these would have been unthinkable. But today serious scholars are asking whether the institutions of the academy as they have existed for decades, even centuries, aren't becoming obsolete. Every aspect of scholarly infrastructure is being questioned, and even more importantly, being hacked. Sympathetic scholars of traditionally disparate disciplines are canceling their association memberships and building their own networks on Facebook and Twitter. Journals are being compiled automatically from self-published blog posts. Newly minted PhDs are forgoing the tenure track for alternative academic careers that blur the lines between research, teaching, and service. Graduate students are looking beyond the categories of the traditional CV and building expansive professional identities and popular followings through social media. Educational technologists are "punking" established technology vendors by rolling out their own open source infrastructure. Here, in Hacking the Academy, Daniel J. Cohen and Tom Scheinfeldt have gathered a sampling of the answers to their initial questions from scores of engaged academics who care deeply about higher education. These are the responses from a wide array of scholars, presenting their thoughts and approaches with a vibrant intensity, as they explore and contribute to ongoing efforts to rebuild scholarly infrastructure for a new millennium.

This book focuses on lifelong learning for sustainable development, an aspect that has been rarely explored in great detail. It also discusses methodological approaches and experiences deriving from case studies and projects, which demonstrate how lifelong learning for sustainable development can be implemented in practice. The book provides respecting research institutions, universities, NGOs, and enterprises with an opportunity to display and present their work in this field. It fosters the exchange of information, ideas and experiences acquired in the context of concerning initiatives, especially with regard to successful projects and best practices.

Learn how to hack systems like black hat hackers and secure them like security experts Key Features Understand how computer systems work and their vulnerabilities Exploit weaknesses and hack into machines to test their security Learn how to secure systems from hackers Book Description This book starts with the basics of ethical hacking, how to practice hacking safely and legally, and how to install and interact with Kali Linux and the Linux terminal. You will explore network hacking, where you will see how to test the security of wired and wireless networks. You'll also learn how to crack the password for any Wi-Fi network (whether it uses WEP, WPA, or WPA2) and spy on the connected devices. Moving on, you will discover how to gain access to remote computer systems using client-side and server-side attacks. You will also get the hang of post-exploitation techniques, including remotely controlling and interacting with the systems that you compromised. Towards the end of the book, you will be able to pick up web application hacking techniques. You'll see how to discover, exploit, and prevent a number of website vulnerabilities, such as XSS and SQL injections. The attacks covered are practical techniques that work against real systems and are purely for educational purposes. At the end of each section, you will learn how to detect, prevent, and secure systems from these attacks. What you will learn Understand ethical hacking and the different fields and types of hackers Set up a penetration testing lab to practice safe and legal hacking Explore Linux basics, commands, and how to interact with the terminal Access password-protected networks and spy on connected clients Use server and client-side attacks to hack and control remote computers Control a hacked system remotely and use it to hack other systems Discover, exploit, and prevent a number of web application vulnerabilities such as XSS and SQL injections Who this book is for Learning Ethical Hacking from Scratch is for anyone interested in learning how to hack and test the security of systems like professional hackers and security experts.
A comprehensive guide To The theory and practice of teaching minds-on practical work in secondary science.
In this book, comparisons are made between the practices of classrooms in a variety of different school systems around the world. The abiding challenge for classroom research is the realization of structure in diversity. The structure in this case takes the form of patterns of participation: regularities in the social practices of mathematics classrooms.
It's time to say Yes to PBL Project Based Learning can be messy, complicated, and downright scary. When done right, though, PBL and Inquiry are challenging, inspiring and fun for students. Best of all, when project-based learning is done right, it actually makes the teacher's job easier.
Presents an introduction to different types of malware and viruses, describes antivirus solutions, offers ways to detect spyware and malware, and discusses the use of firewalls and other security options.
The author examines issues such as the rightness of web-based applications, the programming language renaissance, spam filtering, the Open Source Movement, Internet startups and more. He also tells important stories about the kinds of people behind technical innovations, revealing their character and their craft.
Dive deeper into neural networks and get your models trained, optimized with this quick reference guide Key Features A quick reference to all important deep learning concepts and their implementations Essential tips, tricks, and hacks to train a variety of deep learning models such as CNNs, RNNs, LSTMs, and more Supplemented with essential mathematics and theory, every chapter provides best practices and safe choices for training and fine-tuning your models in Keras and Tensorflow. Book Description Deep learning has become an essential necessity to enter the world of artificial intelligence. With this book deep learning techniques will become more accessible, practical, and relevant to practicing data scientists. It moves deep learning from academia to the real world through practical examples. You will learn how Tensor Board is used to monitor the training of deep neural networks and solve binary classification problems using deep learning. Readers will then learn to optimize hyperparameters in their deep learning models. The book then takes the readers through the practical implementation of training CNN's, RNN's, and LSTM's with word embeddings and seq2seq models from scratch. Later the book explores advanced topics such as Deep Q Network to solve an autonomous agent problem and how to use two adversarial networks to generate artificial images that appear real. For implementation purposes, we look at popular Python-based deep learning frameworks such as Keras and Tensorflow, Each chapter provides best practices and safe choices to help readers make the right decision while training deep neural networks. By the end of this book, you will be able to solve real-world problems quickly with deep neural networks. What you will learn Solve regression and classification challenges with TensorFlow and Keras Learn to use Tensor Board for monitoring neural networks and its training Optimize hyperparameters and safe choices/best practices Build CNN's, RNN's, and LSTM's and using word embedding from scratch Build and train seq2seq models for machine translation and chat applications. Understanding Deep Q networks and how to use one to solve an autonomous agent problem. Explore Deep Q Network and address autonomous agent challenges. Who this book is for If you are a Data Scientist or a Machine Learning expert, then this book is a very useful read in training your advanced machine learning and deep learning models. You can also refer this book if you are stuck in-between the neural network modeling and need immediate assistance in getting accomplishing the task smoothly. Some prior knowledge of Python and tight hold on the basics of machine learning is required.
This is a 2 book bundle related to C++ programming and Python programming! Two manuscripts for the price of one! Whats included in this 2 book bundle manuscript: "C++: Learn C++ Like a Boss. A Beginners Guide in Coding Programming And Dominating C++. Novice to Expert Guide To Learn and Master C++ Fast" "Hacking University: Junior Edition. Learn Python Computer Programming From Scratch. Become a Python Zero to Hero. The Ultimate Beginners Guide in Mastering the Python Language" In C++ programming, you will learn the basics about: Compliers, syntax, class, objects, and variables Identifiers, trigraphs, data types, lines, and characters Boolean and functions Arrays, loops, and conditions Various types of operators Decision statements, if else statements Constants and literals Quick follow up quizzes and answers Guided examples and much more! In Hacking University Junior Edition, you will learn: The history of Python Language The benefits of learning Python and the job market outlook when learning Python Setting Up a Development Environment Variables, Variable Types, Inputs, String Formatting, Decision Structures, Conditional Operators, Loops Several Programming Examples to make sure you practice what you learn String Formatting and Programming Concepts Classes, Special Methods, and Inheritance Key Modules, and Common Errors And a WHOLE lot more! Get your copy today! Scroll up and learn how to program in both C++ and Python!
"This book aims to represent some of the most current investigations into a wide range of end-user computing issues, enhancing understanding of recent developments"--Provided by publisher.
In The Field Guide to Hacking, the practises and protocols of hacking is defined by notions of peer production, self-organised communities, and the intellectual exercise of exploring anything beyond its intended purpose. Demonstrated by way of Dim Sum Labs hackerspace and its surrounding community, this collection of snapshots is the work generated from an organic nebula, culled from an overarching theme of exploration, curiosity, and output. This book reveals a range of techniques of both physical and digital, documented as project case studies. It also features contributions by researchers, artists, and scientists from prominent institutions to offer their perspectives on what it means to hack. Althogether, a manual to overcome the limitations of traditional methods of production.
This 25th anniversary edition of Steven Levy's classic book traces the exploits of the computer revolution's original hackers -- those brilliant and eccentric nerds from the late 1950s through the

early '80s who took risks, bent the rules, and pushed the world in a radical new direction. With updated material from noteworthy hackers such as Bill Gates, Mark Zuckerberg, Richard Stallman, and Steve Wozniak, Hackers is a fascinating story that begins in early computer research labs and leads to the first home computers. Levy profiles the imaginative brainiacs who found clever and unorthodox solutions to computer engineering problems. They had a shared sense of values, known as "the hacker ethic," that still thrives today. Hackers captures a seminal period in recent history when underground activities blazed a trail for today's digital world, from MIT students finagling access to clunky computer-card machines to the DIY culture that spawned the Altair and the Apple II.

Network security is not simply about building impenetrable walls—determined attackers will eventually overcome traditional defenses. The most effective computer security strategies integrate network security monitoring (NSM): the collection and analysis of data to help you detect and respond to intrusions. In The Practice of Network Security Monitoring, Mandiant CSO Richard Bejtlich shows you how to use NSM to add a robust layer of protection around your networks—no prior experience required. To help you avoid costly and inflexible solutions, he teaches you how to deploy, build, and run an NSM operation using open source software and vendor-neutral tools. You'll learn how to: –Determine where to deploy NSM platforms, and size them for the monitored networks –Deploy stand-alone or distributed NSM installations –Use command line and graphical packet analysis tools, and NSM consoles –Interpret network evidence from server-side and client-side intrusions –Integrate threat intelligence into NSM software to identify sophisticated adversaries There's no foolproof way to keep attackers out of your network. But when they get in, you'll be prepared. The Practice of Network Security Monitoring will show you how to build a security net to detect, contain, and control them. Attacks are inevitable, but losing sensitive data shouldn't be.

This is a 2 book bundle related to data analytics and learning Python Programming from scratch! Two manuscripts for the price of one! What's included in this 2 book bundle manuscript: Data Analytics: Practical Data Analysis and Statistical Guide to Transform and Evolve Any Business, Leveraging the power of Data Analytics, Data Science, and Predictive Analytics for Beginners Hacking University: Junior Edition Learn Python Computer Programming from Scratch. Become a Python Zero to Hero. The Ultimate Beginners Guide in Mastering the Python Language In Data Analytics, you will learn: Why your business should be using data analytics Issues with using big data Effective data management Examples of data management in the real-world The different kinds of data analytics and their definitions How data management, data mining, data integration and data warehousing work together A step-by-step guide for conducting data analysis for your business An organizational guide to data analytics Tools for data visualization (with hyperlinks) In Hacking University Junior Edition, you will learn: The history of Python Language The benefits of learning Python and the job market outlook when learning Python Setting Up a Development Environment Variables, Variable Types, Inputs, String Formatting, Decision Structures, Conditional Operators, Loops Several Programming Examples to make sure you practice what you learn String Formatting and Programming Concepts Classes, Special Methods, and Inheritance Key Modules, and Common Errors And a WHOLE lot more! Get your copy today! Scroll up and hit the buy button to download now!

How "virtual adulthood"--children's role play in simulated cities, states, and nations--helped construct a new kind of "sheltered" childhood for American young people. A number of curious communities sprang up across the United States in the late nineteenth and early twentieth century: simulated cities, states, and nations in which children played the roles of legislators, police officers, bankers, journalists, shopkeepers, and other adults. They performed real work--passing laws, growing food, and constructing buildings, among other tasks--inside virtual worlds. In this book, Jennifer Light examines the phenomena of "junior republics" and argues that they marked the transition to a new kind of "sheltered" childhood for American youth. Banished from the labor force and public life, children inhabited worlds that mirrored the one they had left.

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

This book describes maker culture as it is manifested in particular socio-cultural contexts, and describes some of the underlying narratives behind the emergence of such cultures and hackerspaces. With reference to case studies, it invites a recasting of long-standing academic notions of industrialization, industrial location, urbanization, and regional divides. The volume approaches this emergent socio-cultural phenomenon from an academic perspective, and, as such, differs from existing studies in this field as it is the first to approach maker culture and makerspaces by tracing trajectories from academic literature. This will provide teachers and researchers with a more grounded foundation upon which to base their own work in this nascent, yet rapidly growing, field.

Learn to develop high performance applications with Dart 1.10 About This Book Develop apps for the modern web using Dart and HTML5 Clarify and shorten your Dart code using enums Build a complex UI for business applications with Dart's Polymer framework, based on web components Who This Book Is For If you want to become a developer for the modern web, or wish to add Dart to your tool belt, then this book is for you. The book assumes you have basic HTML experience and know how web applications work. Some previous programming experience, preferably in a modern language like C#, Java, Python, Ruby or JavaScript, will give you a head start. You can work with Dart on your preferred platform, be it Linux, Mac OS X or Windows. What You Will Learn Structure your code using functions, classes, generics, packages and libraries Use the power of modern browsers to process and store data Make games by drawing, and using audio and video in the browser Develop an application with a model-driven and spiral-paced approach Discover the Observatory tools for profiling memory and CPU usage of Dart programs Store your app's data in MySQL and MongoDB through Dart Build powerful HTML5 forms, validate and store data in local storage, and use web components to build your own user interface Run your Dart server on an App Engine Managed VM In Detail Dart is an open source programming language for the web, developed at Google, with a steadily growing community. It is a single language for both client and server, appropriate for the full range of devices on the web – including phones, tablets, laptops, and servers. It encompasses the lessons of the last two decades of web programming. This book will give you a thorough overview of Dart, taking you through its ecosystem, syntax, and development principles. With this book, you will build web games using HTML5, audio, and video, and also dive into processing and displaying data in HTML5 forms with Dart. You will also learn how web components fit together with HTML5, and how to apply them in business web applications of the future. You will discover how to store data on the client, communicate data between client and server with JSON, and store JSON data with MongoDB and MySQL. Stop solving new challenges with the same old tools – let Dart show you a whole new way. Style and approach This book provides you a project-based approach, with

everything you need to start or enhance your career in the future of web development with Dart. It follows the spiral approach: each project builds up in successive spirals, adding new features in each step.

It's no secret that college doesn't prepare students for the real world. Student loan debt recently eclipsed credit card debt for the first time in history and now tops one trillion dollars. And the throngs of unemployed graduates chasing the same jobs makes us wonder whether there's a better way to "make it" in today's marketplace. There is—and Dale Stephens is proof of that. In Hacking Your Education, Stephens speaks to a new culture of "hackademics" who think college diplomas are antiquated. Stephens shows how he and dozens of others have hacked their education, and how you can, too. You don't need to be a genius or especially motivated to succeed outside school. The real requirements are much simpler: curiosity, confidence, and grit. Hacking Your Education offers valuable advice to current students as well as those who decided to skip college. Stephens teaches you to create opportunities for yourself and design your curriculum—inside or outside the classroom. Whether your dream is to travel the world, build a startup, or climb the corporate ladder, Stephens proves you can do it now, rather than waiting for life to start after "graduation" day.

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

Sponsored by the Communication, Information Technologies, and Media Sociology section of the American Sociological Association (CITAMS), this volume celebrates the section's thirtieth anniversary. It looks at the history of the section, reviews some of its most important themes, and sets the agenda for future discussion.

Have you ever wished you could reprogram your brain, just as a hacker would a computer? In this 3-step guide to improving your mental habits, learn to take charge of your mind and banish negative thoughts, habits, and anxiety in just twenty-one days. A seasoned author, comedian, and entrepreneur, Sir John Hargrave once suffered from unhealthy addictions, anxiety, and poor mental health. After cracking the code to unlocking his mind's full and balanced potential, his entire life changed for the better. In Mind Hacking, Hargrave reveals the formula that allowed him to overcome negativity and eliminate mental problems at their core. Through a 21-day, 3-step training program, this book lays out a simple yet comprehensive approach to help you rewire your brain and achieve healthier thought patterns for a better quality of life.

This is a 2 book bundle related to Hacking mobile devices, game consoles, and apps and dominating the Python programming language! Two manuscripts for the price of one! What's included in this 2 book bundle manuscript: Hacking University: Sophomore Edition. Essential Guide to Take Your Hacking Skills to the Next Level. Hacking Mobile Devices, Tablets, Game Consoles, and Apps Hacking University: Junior Edition. Learn Python Computer Programming from Scratch: Become a Python Zero to Hero. The Ultimate Beginners Guide in Mastering the Python Language In Hacking University Sophomore Edition you will learn: The history and security flaws of mobile hacking Unlocking your device from your carrier and various methods of securing mobile and tablet devices Modding, Jailbreaking, and Rooting How to unlock android and I-phone devices Modding video game consoles such as Xbox and Playstation What to do with a Bricked device PC Emulators And much more! In Hacking University Junior Edition you will learn: The history of Python Language The benefits of learning Python and the job market outlook when learning Python Setting Up a Development Environment Variables, Variable Types, Inputs, String Formatting, Decision Structures, Conditional Operators, Loops Several Programming Examples to make sure you practice what you learn String Formatting and Programming Concepts Classes, Special Methods, and Inheritance Key Modules, and Common Errors And a WHOLE lot more! Get your copy today! Scroll up and hit the buy button to download now!

Options have been traded for hundreds of years, but investment decisions were based on gut feelings until the Nobel Prize–winning discovery of the Black-Scholes options pricing model in 1973 ushered in the era of the "quants." Wall Street would never be the same. In Pricing the Future, financial economist George G. Szpiro tells the fascinating stories of the pioneers of mathematical finance who conducted the search for the elusive options pricing formula. From the broker's assistant who published the first mathematical explanation of financial markets to Albert Einstein and other scientists who looked for a way to explain the movement of atoms and molecules, Pricing the Future retraces the historical and intellectual developments that ultimately led to the widespread use of mathematical models to drive investment strategies on Wall Street.

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