Network Guide To Networks Dean

This edited volume demonstrates the potential of mixed-methods designs for the research of social networks and the utilization of social networks for other research. Mixing methods applies to the combination and integration of qualitative and quantitative methods. In social network research, mixing methods also applies to the combination of structural and actor-oriented approaches. The volume provides readers with methodological concepts to guide mixed-methods network studies with precise research designs and methods to investigate social networks of various sorts. Each chapter describes the research design used and discusses the strengths of the methods for that particular field and for specific outcomes.

The fundamental mathematical tools needed to understand machine learning include linear algebra, analytic geometry, matrix decompositions, vector calculus, optimization, probability and statistics. These topics are traditionally taught in disparate courses, making it hard for data science or computer science students, or professionals, to efficiently learn the mathematics. This self-contained textbook bridges the gap between mathematical and machine learning texts, introducing the mathematical concepts with a minimum of prerequisites. It uses these concepts to derive four central machine learning methods: linear regression, principal component analysis, Gaussian mixture models and support vector machines. For students and others with a mathematical background, these derivations provide a starting point to machine learning texts. For those learning the mathematics for the first time, the methods help build intuition and practical experience with applying mathematical concepts. Every chapter includes worked examples and exercises to test understanding. Programming tutorials are offered on the book's web site.

In this World Fantasy Award-winning novel of magic and kungfu, four siblings battle rival clans for honor and power in an Asia-inspired fantasy metropolis. *Named one of TIME's Top 100 Fantasy Books Of All Time * World Fantasy Award for Best Novel, winner Jade is the lifeblood of the island of Kekon. It has been mined, traded, stolen, and killed for -- and for centuries, honorable Green Bone warriors like the Kaul family have used it to enhance their magical abilities and defend the island from foreign invasion. Now, the war is over and a new generation of Kauls vies for control of Kekon's bustling capital city. They care about nothing but protecting their own, cornering the jade market, and defending the districts under their protection. Ancient tradition has little place in this rapidly changing nation. When a powerful new drug emerges that lets anyone -- even foreigners -- wield jade, the simmering tension between the Kauls and the rival Ayt family erupts into open violence. The outcome of this clan war will determine the fate of all Green Bones -- and of Kekon itself. Praise for Jade City: "An epic drama reminiscent of the best classic Hong Kong gangster films but set in a fantasy metropolis so gritty and well-imagined that you'll forget you're reading a book." --Ken Liu, Hugo, Nebula, and World Fantasy Award-winning author "A beautifully realized setting, a great cast of characters, and dramatic action scenes. What a fun, gripping read!" --Ann Leckie, Hugo, Nebula, and Arthur C. Clarke Award-winning author "An instantly absorbing tale of blood, honor, family and magic, spiced with unexpectedly tender character beats." --NPR The Green Bone Saga Jade City Jade War Jade Legacy

The perfect resource for learning from the ground up, Eckert's HANDS-ON MICROSOFT WINDOWS SERVER 2019 is designed to build a foundation in basic server administration -- no prior server experience required. It covers all of the core Windows Server 2019 features using a logical topic flow and step-by-step exercises that can be performed within a home or college lab environment, making it an ideal choice for a Windows Server 2019 administration course. It teaches you how to deploy Windows Server 2019 in a variety of settings, including data center and cloud environments that rely on virtualization and containers. It also covers configuring and managing server storage, troubleshooting performance issues as well as working with common Windows Server technologies and network services, including Active Directory, DNS, DHCP, IPAM, file sharing, printing and remote access. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Prescriptions for the Internet
Reading Hardt and Negri
Information Technology and Global Civil Society

Reformatting Politics

Network Fundamentals, CCNA Exploration Companion Guide

Computer Networking

Equip today's users with the most up-to-date information to pass CompTIA's Linux+ (Powered by LPI) Certification exam successfully and excel when using Linux in the business world with Eckert's LINUX+ GUIDE TO LINUX CERTIFICATION, 4E. This complete guide provides a solid conceptual foundation and mastery of the hands-on skills necessary to work with the Linux operation system in today's network administration environment. The author does an exceptional job of maintaining a focus on quality and providing classroom usability while highlighting valuable real-world experiences. This edition's comprehensive coverage emphasizes updated information on the latest Linux distributions as well as storage technologies commonly used in server environments, such as LVM and ZFS. New, expanded material addresses key job-related networking services, including FTP, NFS, Samba, Apache, DNS, DHCP, NTP, Squid, Postfix, SSH, VNC, Postgresql, and iptables/firewalld. Readers study the latest information on current and emerging security practices and technologies. Hands-On Projects help learners practice new skills using both FedoraTM 20 and Ubuntu Server 14.04 Linux, while review questions and key terms reinforce important concepts. Trust LINUX+ GUIDE TO LINUX CERTIFICATION, 4E for the mastery today's users need for success on the certification exam and throughout their careers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Consumer health websites have garnered considerable media attention, but only begin to scratch the surface of the more pervasive transformations the Internet could bring to health and health care. Networking Health examines ways in which the Internet may become a routine part of health care delivery and payment, public health, health education, and biomedical research. Building upon a series of site visits, this book: Weighs the role of the Internet versus private networks in uses ranging from the transfer of medical images to providing video-based medical consultations at a distance. Reviews technical challenges in the areas of quality of service, security, reliability, and access, and looks at the potential utility of the next generation of online technologies. Discusses ways health care organizations can use the Internet to support their strategic interests and explores barriers to a broader deployment of the Internet. Recommends steps that private and public sector entities can take to enhance the capabilities of the Internet for health purposes and to prepare health care organizations to adopt new Internet-based applications.

*Network Fundamentals, CCNA Exploration Companion Guide is the official supplemental textbook for the Network Fundamentals course in the Cisco® Networking Academy® CCNA® Exploration curriculum version 4. The course, the first of four in the new curriculum, is based on a top-down approach to networking. The Companion Guide, written and edited by Networking Academy instructors, is designed as a portable desk reference to use anytime, anywhere. The book's features reinforce the material in the course to help you focus on important concepts and organize your study time for exams. New and improved features help you study and succeed in this course: Chapter objectives–Review core concepts by answering the focus questions listed at the beginning of each chapter. Key terms–Refer to the updated lists of networking vocabulary introduced and highlighted in context in each chapter. Glossary–Consult the comprehensive glossary with more than 250 terms. Check Your Understanding questions and answer key–Evaluate your readiness with the updated end-of-chapter questions that match the style of questions you see on the online course quizzes. The answer key explains each answer. Challenge questions and activities–Strive to ace more challenging review questions and activities designed to prepare you for the complex styles of questions you might see on the CCNA exam. The answer key explains each answer. How To–Look for this icon to study the steps you need to learn to perform certain tasks. Packet Tracer Activities– Explore networking concepts in activities interspersed throughout some chapters using Packet Tracer v4.1 developed by Cisco. The files for these activities are on the accompanying CD-ROM. Also available for the Network Fundamentals Course Network Fundamentals, CCNA Exploration Labs and Study Guide ISBN-10: 1-58713-203-6 ISBN-13: 978-1-58713-203-2 Companion CD-ROM **See instructions within the ebook on how to get access to the files from the CD-ROM that accompanies this print book.** The CD-ROM provides many useful tools and information to support your education: Packet Tracer Activity exercise files v4.1 VLSM Subnetting Chart Structured Cabling Exploration Supplement Taking Notes: a .txt file of the chapter objectives A Guide to Using a Networker's Journal booklet IT Career Information Tips on Lifelong Learning in Networking This book is part of the Cisco Networking Academy Series from Cisco Press®. The products in this series support and complement the Cisco Networking Academy online curriculum.*

Covers the topics found on the Comp TIA 2009 Network+ exam along with test preparation advice and review questions and answers.

Network+ Guide to Networks

Networking Argument

Outlines and Highlights for Network+ Guide to Networks 5th by Tamara Dean, Isbn

Learning Landscape Ecology

Extreme Democracy

Empire's New Clothes

Are blogs and other emerging technologies changing the face of politics? Extreme Democracy is a collection of writings about the impact of technology on the political process. Authors include Steven Johnson, Joi Ito, David Weinberger, Jay Rosen, Mitch Ratcliffe, Jon Lebkowsky, danah boyd, and many others. Jon Lebkowsky discusses Extreme Democracy in an interview on the WELL, currently in progress.

This book provides an account of the theoretical and methodological underpinnings of exponential random graph models (ERGMs).

Blog Theory offers a critical theory of contemporary media. Furthering her account of communicative capitalism, Jodi Dean explores the ways new media practices like blogging and texting capture their users in intensive networks of enjoyment, production, and surveillance. Her wide-ranging and theoretically rich analysis extends from her personal experiences as a blogger, through media histories, to newly emerging social network platforms and applications. Set against the background of the economic crisis wrought by neoliberalism, the book engages with recent work in contemporary media theory as well as with thinkers such as Giorgio Agamben, Jean Baudrillard, Guy Debord, Jacques Lacan, and Slavoj ?i?ek. Through these engagements, Dean defends the provocative thesis that reflexivity in complex networks is best understood via the psychoanalytic notion of the drives. She contends, moreover, that reading networks in terms of the drives enables us to grasp their real, human dimension, that is, the feelings and affects that embed us in the system. In remarkably clear and lucid prose, Dean links seemingly trivial and transitory updates from the new mass culture of the internet to more fundamental changes in subjectivity and politics. Everyday communicative exchangesÑfrom blog posts to text messagesÑhave widespread effects, effects that not only undermine capacities for democracy but also entrap us in circuits of domination.

No Time for Fear summons the voices of more than 100 women who served as nurses overseas during World War II, letting them tell their story as no one else can. Fessler has meticulously compiled and transcribed more than 200 interviews with American military nurses of the Army, Army Air Force, and Navy who were present in all theaters of WWII. Their stories bring to life horrific tales of illness and hardship, blinding blizzards, and near starvation—all faced with courage, tenacity, and even good humor. This unique oral-history collection makes available to readers an important counterpoint to the seemingly endless discussions of strategy, planning, and troop movement that often characterize discussions of the Second World War.

CompTIA Network+ Guide to Networks
CompTIA Network+ 2009 in Depth
Mixed Methods Social Networks Research
Voices of American Military Nurses in World War II
Networking Health
CompTIA Linux+ Guide to Linux Certification

GUIDE TO NETWORK DEFENSE AND COUNTERMEASURES provides a thorough guide to perimeter defense fundamentals, including intrusion detection and firewalls. This trusted text also covers more advanced topics such as security policies, network address translation (NAT), packet filtering and analysis, proxy servers, virtual private networks (VPN), and network traffic signatures. Thoroughly updated, the new third edition reflects the latest technology, trends, and techniques including virtualization, VMware, IPv6, and ICMPv6 structure, making it easier for current and aspiring professionals to stay on the cutting edge and one step ahead of potential security threats. A clear writing style and numerous screenshots and illustrations make even complex technical material easier to understand, while tips, activities, and projects throughout the text allow you to hone your skills by applying what you learn. Perfect for students and professionals alike in this high-demand, fast-growing field, GUIDE TO NETWORK DEFENSE AND COUNTERMEASURES, Third Edition, is a must-have resource for success as a network security professional. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Reflecting the latest trends and developments from the information security field, best-selling Security+ Guide to Network Security Fundamentals, Fourth Edition, provides a complete introduction to practical network and computer security and maps to the CompTIA Security+ SY0-301 Certification Exam. The text covers the fundamentals of network security, including compliance and operational security; threats and vulnerabilities; application, data, and host security; access control and identity management; and cryptography. The updated edition includes new topics, such as psychological approaches to social engineering attacks, Web application attacks, penetration testing, data loss prevention, cloud computing security, and application programming development security. The new edition features activities that link to the Information Security Community Site, which offers video lectures, podcats, discussion boards, additional hands-on activities and more to provide a wealth of resources and up-to-the minute information. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Thoroughly updated to reflect the CompTIA Network+ N10-006 exam, Networking Essentials, Fourth Edition is a practical, up-to-date, and hands-on guide to the basics of networking. Written from the viewpoint of a working network administrator, it requires absolutely no experience with either network concepts or day-to-day network management. Networking Essentials, Fourth Edition guides readers from an entry-level knowledge in computer networks to advanced concepts in Ethernet and TCP/IP networks; routing protocols and router configuration; local, campus, and wide area network configuration; network security; wireless networking; optical networks; Voice over IP; the network server; and Linux networking. This new edition includes expanded coverage of mobile and cellular communications; configuring static routing with RIPv2, OSPF, EIGRP, and IS-IS; physical security, access control, and biometric access control; cloud computing and virtualization; and codes and standards. Clear goals are outlined for each chapter, and every concept is introduced in easy to understand language that explains how and why networking technologies are used. Each chapter is packed with real-world examples and practical exercises that reinforce all concepts and guide you through using them to configure, analyze, and fix networks. Key Pedagogical Features NET-CHALLENGE

SIMULATION SOFTWARE provides hands-on experience with entering router and switch commands, setting up functions, and configuring interfaces and protocols WIRESHARK NETWORK PROTOCOL ANALYZER presents techniques and examples of data traffic analysis throughout PROVEN TOOLS FOR MORE EFFECTIVE LEARNING AND NETWORK+ PREP, including chapter outlines, summaries, and Network+ objectives WORKING EXAMPLES IN EVERY CHAPTER to reinforce key concepts and promote mastery KEY TERM DEFINITIONS, LISTINGS, AND EXTENSIVE GLOSSARY to help you master the language of networking QUESTIONS, PROBLEMS, AND CRITICAL THINKING QUESTIONS to help you deepen your understanding CD-ROM includes Net-Challenge Simulation Software, including seven hands-on labs and the Wireshark Network Protocol Analyzer Software examples. Shelving Category: Networking Covers: CompTIA Network+

"One of the most interesting and useful books ever written on networking."—Adam Grant Social Chemistry will utterly transform the way you think about "networking." Understanding the contours of your social network can dramatically enhance personal relationships, work life, and even your global impact. Are you an Expansionist, a Broker, or a Convener? The answer matters more than you think. . . . Yale professor Marissa King shows how anyone can build more meaningful and productive relationships based on insights from neuroscience, psychology, and network analytics. Conventional wisdom says it's the size of your network that matters, but social science research has proven there is more to it. King explains that the quality and structure of our relationships has the greatest impact on our personal and professional lives. As she illustrates, there are three basic types of networks, so readers can see the role they are already playing: Expansionist, Broker, or Convener. This network decoder enables readers to own their network style and modify it for better alignment with their life plans and values. High-quality connections in your social network strongly predict cognitive functioning, emotional resilience, and satisfaction at work. A well-structured network is likely to boost the quality of your ideas, as well as your pay. Beyond the office, social connections are the lifeblood of our health and happiness. The compiled results from dozens of previous studies found that our social relationships have an effect on our likelihood of dying prematurely—equivalent to obesity or smoking. Rich stories of Expansionists like Vernon Jordan, Brokers like Yo-Yo Ma, and Conveners like Anna Wintour, as well as personal experiences from King's own world of connections, inform this warm, engaging, revelatory investigation into some of the most consequential decisions we can make about the trajectory of our lives.

The Chessboard and the Web

Security+ Guide to Network Security Fundamentals

The Routledge History of Monarchy

The Non-Technical Guide Book

Blog Theory

Cryptography for Secure Communications

Cover -- Half-title -- Title -- Copyright -- Dedication -- Contents -- Introduction -- I: The World of the Web -- ONE. Of Great Powers and Globalization -- TWO. Networks Everywhere -- THREE. Seeing in Stereo -- II: Strategies of Connection -- FOUR. Resilience Networks -- FIVE. Task Networks -- SIX. Scale Networks -- III: Power, Leadership, and Grand Strategy -- SEVEN. Network Power -- EIGHT. A Different Way to Lead -- NINE. A Grand Strategy -- CONCLUSION: The Rise of Webcraft -- Notes -- Acknowledgments -- Illustration Credits -- Index -- A -- B -- C -- D -- E -- F -- G -- H -- I -- J -- K -- L -- M -- N -- O -- P -- R -- S -- T -- U -- V -- W -- Y -- Z

Most applications these days are at least somewhat network aware, but how do you protect those applications against common network security threats? Many developers are turning to OpenSSL, an open source version of SSL/TLS, which is the most widely used protocol for secure network communications.The OpenSSL library is seeing widespread adoption for web sites that require cryptographic functions to protect a broad range of sensitive information, such as credit card numbers and other financial transactions. The library is the only free, full-featured SSL implementation for C and C++, and it can be used programmatically or from the command line to secure most TCP-based network protocols.Network Security with OpenSSL enables developers to use this protocol much more effectively. Traditionally, getting something simple done in OpenSSL could easily take weeks. This concise book gives you the guidance you need to avoid pitfalls, while allowing you to take advantage of the library?s advanced features. And, instead of bogging you down in the technical details of how SSL works under the hood, this book provides only the information that is necessary to use OpenSSL safely and effectively. In step-by-step fashion, the book details the challenges in securing network communications, and shows you how to use OpenSSL tools to best meet those challenges.As a system or network administrator, you will benefit from the thorough treatment of the OpenSSL command-line interface, as well as from step-by-step directions for obtaining certificates and setting up your own certification authority. As a developer, you will further benefit from the in-depth discussions and examples of how to use OpenSSL in your own programs. Although OpenSSL is written in C, information on how to use OpenSSL with Perl, Python and PHP is also included.OpenSSL may well answer your need to protect sensitive data. If that?s the case, Network Security with OpenSSL is the only guide available on the subject.

Your CCIE lab Success strategy (preview at www.2doubleccies.com) is a unique guidebook which has been written by two double CCIEs, and deals with the non-technical aspects of CCIE Lab exam. In addition it answers the following questions : • Where and how do I start preparing for my CCIE Lab? • How much time do I need to prepare for CCIE Lab exam? • What are the dos and don'ts for the CCIE Lab? • When do I know I am ready to take my CCIE lab? • How do I study efficiently for the CCIE lab exam? • How much time should I devote daily and on weekends for studying? • What do I need to do Three months, Three weeks and the day before the lab? • What do I need to do the day after the lab (in case I don't pass)? This first of its kind guidebook is a result of filtering and crystallizing all of the ideas and strategies that we collected from talking with a large number of CCIEs. In this guidebook we: • Share our stories and stories of many successful CCIEs with you. • Offer the knowledge that we have gained throughout our CCIE journey two times. • Cover over 30 topics and issues that we have faced and that

you will likely be facing. • Will walk you through every step of the journey. • Give you multiple timelines for engineers with different skill sets. • Tell you the right frame of mind that you will need to pass your CCIE lab. This book is written in a very relaxing casual conversational format in which, we present to you the strategies that we used and then give our own personal example as "what we did." Each chapter is about 3 to 4 short pages right to the point with clear and precise answers to your questions. Please visit our website www.2doubleccies.com for Videos and more.

Mutual aid is the radical act of caring for each other while working to change the world. Around the globe, people are faced with a spiralling succession of crises, from the Covid-19 pandemic and climate change-induced fires, floods, and storms to the ongoing horrors of mass incarceration, racist policing, brutal immigration enforcement, endemic gender violence, and severe wealth inequality. As governments fail to respond to—or actively engineer—each crisis, ordinary people are finding bold and innovative ways to share resources and support the vulnerable. Survival work, when done alongside social movement demands for transformative change, is called mutual aid. This book is about mutual aid: why it is so important, what it looks like, and how to do it. It provides a grassroots theory of mutual aid, describes how mutual aid is a crucial part of powerful movements for social justice, and offers concrete tools for organizing, such as how to work in groups, how to foster a collective decision-making process, how to prevent and address conflict, and how to deal with burnout. Writing for those new to activism as well as those who have been in social movements for a long time, Dean Spade draws on years of organizing to offer a radical vision of community mobilization, social transformation, compassionate activism, and solidarity.

Design and Applications
Building Solidarity During This Crisis (and the Next)
Guide to Telecommunications Technology
Mathematics for Machine Learning
Decoding the Patterns of Human Connection
Network+ Guide to Networks + Network+ Guide to Networks Lab Manual

Appropriate for a first course on computer networking, this textbook describes the architecture and function of the application, transport, network, and link layers of the internet protocol stack, then examines audio and video networking applications, the underpinnings of encryption and network security, and the key issues of network management. Th

Balancing the most technical concepts with practical everyday issues, DATABASE COMMUNICATIONS AND COMPUTER NETWORKS, 8e provides thorough coverage of the basic features, operations, and limitations of different types of computer networks--making it the ideal resource for future business managers, computer programmers, system designers, as well as home computer users. Offering a comprehensive introduction to computer networks and data communications, the book includes coverage of the language of computer networks as well as the effects of data communications on business and society. It provides full coverage of wireless technologies, industry convergence, compression techniques, network security, LAN technologies, VoIP, and error detection and correction. The Eighth Edition also offers up-to-the-minute coverage of near field communications, updated USB interface, lightning interface, and IEEE 802.11 ac and ad wireless standards, firewall updates, router security problems, the Internet of Things, cloud computing, zero-client workstations, and Internet domain names. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Filled with numerous exercises this practical guide provides a real hands-on approach to learning the essential concepts and techniques of landscape ecology. The knowledge gained enables students to usefully address landscape- level ecological and management issues. A variety of approaches are presented, including: group discussion, thought problems, written exercises, and modelling. Each exercise is categorised as to whether it is for individual, small group, or whole class study.

Master the technical skills and industry knowledge you need to begin an exciting career installing, configuring and troubleshooting computer networks with West's completely updated NETWORK+ GUIDE TO NETWORKS, 9E. This resource thoroughly prepares you for success on the latest CompTIA's Network+ N10-008 certification exam as content corresponds to all exam objectives, including protocols, topologies, hardware, network design, security and troubleshooting. Detailed, step-by-step instructions as well as cloud, virtualization and simulation projects give you experience working with a variety of hardware, software and operating systems as well as device interactions. Stories from professionals on the job, insightful discussion prompts, hands-on activities, applications and projects all guide you in exploring key concepts in-depth. You gain the problem-solving tools for success in any computing environment. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Exponential Random Graph Models for Social Networks
Strategies of Connection in a Networked World
Network+ Guide to Networks, Loose-Leaf Version
Choosing Muscles Over Motors
9781423902454
Networking Essentials

The Routledge History of Monarchy draws together current research across the field of royal studies, providing a rich understanding of the history of monarchy from a variety of

geographical, cultural and temporal contexts. Divided into four parts, this book presents a wide range of case studies relating to different aspects of monarchy throughout a variety of times and places, and uses these case studies to highlight different perspectives of monarchy and enhance understanding of rulership and sovereignty in terms of both concept and practice. Including case studies chosen by specialists in a diverse array of subjects, such as history, art, literature, and gender studies, it offers an extensive global and interdisciplinary approach to the history of monarchy, providing a thorough insight into the workings of monarchies within Europe and beyond, and comparing different cultural concepts of monarchy within a variety of frameworks, including social and religious contexts. Opening up the discussion of important questions surrounding fundamental issues of monarchy and rulership, The Routledge History of Monarchy is the ideal book for students and academics of royal studies, monarchy, or political history.

This edited volume presents selected works from the 20th Biennial Alta Argumentation Conference, sponsored by the National Communication Association and the American Forensics Association and held in 2017. The conference brought together scholars from Europe, Asia, and North America to engage in intensive conversations about how argument functions in our increasingly networked society. The essays discuss four aspects of networked argument. Some examine arguments occurring in online networks, seeking to both understand and respond more effectively to the acute changes underway in the information age. Others focus on offline networks to identify historical and contemporary resources available to advocates in the modern day. Still others discuss the value-added of including argumentation scholars on interdisciplinary research teams analyzing a diverse range of subjects, including science, education, health, law, economics, history, security, and media. Finally, the remainder network argumentation theories explore how the interactions between and among existing theories offer fruitful ground for new insights for the field of argumentation studies. The wide range of disciplinary backgrounds and methodological approaches employed in Networking Argument make this volume a unique compilation of perspectives for understanding urgent and sustaining issues facing our society.

What if I could harness this energy? An unusual question for anyone putting in a long stint on a treadmill perhaps, and yet human power is a very old, practical and empowering alternative to fossil fuels. Replacing motors with muscles can be considered a political act -- an act of self-sufficiency that gains you independence. The Human-Powered Home is a one-of-a-kind compendium of human-powered devices gathered from a unique collection of experts. Enthusiasts point to the advantages of human power: Portable and available on-demand Close connection to the process or product offers more control Improved health and fitness The satisfaction of being able to make do with what is available This book discusses the science and history of human power and examines the common elements of human-powered devices. It offers plans for making specific devices, grouped by area of use, and features dozens of individuals who share technical details and photos of their inventions. For those who want to apply their own ingenuity, or for those who have never heard of human-powered machines, this book is a fine reference. For those who are beginning to understand the importance of a life of reduced dependency on fossil fuels, this book could be a catalyst for change.

Guide to Telecommunications Technology focuses on the technology that forms the basis for all voice and data networks. The book discusses fundamental signaling principles and explains how early telephone and computer inventions influenced modern technology. Chapters explore topics such as switching, data transmission, broadband, wireless LANs, and network access methods. Techniques and tools involved in recognizing and addressing information security threats are also covered. The book concludes with a chapter on voice-over-network and convergence technologies, encouraging students to synthesize what they have learned about the traditionally separate fields of telephony and data technologies. Guide to Telecommunications Technology provides a solid foundation for more advanced studies in voice and data networking.

Your CCIE Lab Success Strategy
Feedback and Capture in the Circuits of Drive
Data Communications and Computer Networks: A Business User's Approach
Lab Manual for Dean's Network+ Guide to Networks, 6th
Aliens in America
Change

The lab manual provides the hands-on instruction necessary to prepare for the certification exam and succeed as a network administrator. Designed for classroom or self-paced study, labs complement the book and follow the same learning approach as the exam. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.
Discusses the social and political implications of widespread belief in unidentified flying objects, extraterrestrials, and government cover-ups, and considers what they reveal in a culture of mass media and conflicting evidence
What makes WiFi faster at home than at a coffee shop? How does Google order search results? Is it really true that everyone on Facebook is connected by six steps or less? The Power of Networks answers questions like these for the first time in a way that all of us can understand. Using simple language, analogies, stories, hundreds of illustrations, and no more math than simple addition and multiplication, Christopher Brinton and Mung Chiang provide a smart and accessible introduction to the handful of big ideas that drive the computer networks we use every day. The Power of Networks unifies these ideas through six fundamental principles of networking. These principles explain the difficulties in sharing network resources efficiently, how crowds can be wise or not so wise depending on the nature of their connections, why there are many layers in a network, and more. Along the way, the authors also talk with and share the special insights of renowned experts such as Google's Eric Schmidt, former Verizon Wireless CEO Dennis Strigl, and "fathers of the Internet" Vint Cerf and Bob Kahn.
The completely updated NETWORK+ GUIDE TO NETWORKS, 6th Edition gives students the technical skills and industry know-how required to begin an exciting career installing, configuring, and troubleshooting computer networks. The text also prepares students for CompTIA's Network+ N10-005 certification exam

with fundamentals in protocols, topologies, hardware, and network design. After exploring TCP/IP, Ethernet, wireless transmission, and security concepts, as well as an all-new chapter on virtual networks, students can increase their knowledge with the practical On-the Jobstories, Review Questions, Hands-On Projects, and Case Projects. NETWORK+ GUIDE TO NETWORKS, 6th Edition also includes reference appendices, a glossary, and full-color illustrations. The features of the text combined with its emphasis on real-world problem solving, provides students with the tools they need to succeed in any computing environment. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

No Time for Fear

A CompTIA Network+ N10-006 Textbook

The Human-Powered Home

Conspiracy Cultures from Outerspace to Cyberspace

A Practical Guide to Concepts and Techniques

Six Principles That Connect Our Lives

Framing the debate about "Empire," this landmark new book brings together leading scholars to make sense of "Empire"'s new vocabulary and tackle its claims head on.

How to create the change you want to see in the world using the paradigm-busting ideas in this "utterly fascinating" (Adam Grant) big-idea book. Most of what we know about how ideas spread comes from bestselling authors who give us a compelling picture of a world, in which "influencers" are king, "sticky" ideas "go viral," and good behavior is "nudged" forward. The problem is that the world they describe is a world where information spreads, but beliefs and behaviors stay the same. When it comes to lasting change in what we think or the way we live, the dynamics are different: beliefs and behaviors are not transmitted from person to person in the simple way that a virus is. The real story of social change is more complex. When we are exposed to a new idea, our social networks guide our responses in striking and surprising ways. Drawing on deep-yet-accessible research and fascinating examples from the spread of coronavirus to the success of the Black Lives Matter movement, the failure of Google+, and the rise of political polarization, Change presents groundbreaking and paradigm-shifting new science for understanding what drives change, and how we can change the world around us.

Never HIGHLIGHT a Book Again! Virtually all of the testable terms, concepts, persons, places, and events from the textbook are included. Cram101 Just the FACTS101 studyguides give all of the outlines, highlights, notes, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanys: 9781423902454 .

This book examines the ways in which new information and communication technologies (ICTs) are being used by civil society organizations (CSOs) to achieve their aims through activities and networks that cross national borders. These new ICTs (the internet, mobile phones, satellite radio and television) have allowed these civil society organizations to form extensive networks linking the local and the global in new ways and to flourish internationally in ways that were not possible without them. Reformatting Politics consists of four sections containing essays by some of the top scholars and activists working at the intersections of networked societies, civil society organizations, and information technology. The book also includes a section that takes a critical look at the UN World Summit of Information Society and the role that global governance has played and will play in the use and dissemination of these new technologies. Finally, the contributors aim to influence this important and emerging field of inquiry by posing a set of questions and directions for future research. In sum, Reformatting Politics is a fresh look at the way critical network practice through the use of information technology is reformatting the terms and terrains of global politics.

Theory, Methods, and Applications

Mutual Aid

Hands-On Microsoft Windows Server 2019

How to Make Big Things Happen

Guide to Network Defense and Countermeasures

Network Security with OpenSSL