
Ubuntu Kung Fu The Pragmatic Bookshelf

Machine Learning, Optimization, and Data Science
 Pragmatic Version Control Using Git
 Mac Kung Fu
 Pro CSS and HTML Design Patterns
 Beginning Ubuntu Linux
 Web Design for Developers
 Python Testing with Pytest
 The Social Media Reader
 Hello, Android
 Evidence-Based Positive Psychological Interventions in Multi-Cultural Contexts
 Data Analytics and Applications of the Wearable Sensors in Healthcare
 Systemic Governance and Accountability
 The British National Bibliography
 Rails Test Prescriptions
 Europe and MENA Cooperation Advances in Information and Communication Technologies
 Ubuntu Linux Bible
 The Complete Guide to Article Writing
 RESTful Web Services
 Head First HTML with CSS & XHTML
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 Small Satellites for Earth Observation
 Chinese Education Models in a Global Age
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 Linux for Beginners
 Pragmatic Guide to Git
 Neural Approaches to Conversational AI: Question Answering, Task-Oriented Dialogues and Social Chatbots
 Ubuntu Kung Fu
 RESTful Web APIs
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 Mac Kung Fu

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 Bookshelf*

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Machine Learning, Optimization, and Data Science Foundations and Trends(r) in I
 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
Pragmatic Version Control Using Git "O'Reilly Media, Inc."
 Might creolization offer political theory an approach that would
 better reflect the heterogeneity of political life? After all, it
 describes mixtures that were not supposed to have emerged in
 the plantation societies of the Caribbean but did so through their
 capacity to exemplify living culture, thought, and political

practice. Similar processes continue today, when people who once were strangers find themselves unequal co-occupants of new political locations they both seek to call “home.” Unlike multiculturalism, in which different cultures are thought to co-exist relatively separately, creolization describes how people reinterpret themselves through interaction with one another. While indebted to comparative political theory, Gordon offers a critique of comparison by demonstrating the generative capacity of creolizing methodologies. She does so by bringing together the eighteenth-century revolutionary Swiss thinker Jean-Jacques Rousseau and the twentieth-century Martinican-born Algerian liberationist Frantz Fanon. While both provocatively challenged whether we can study the world in ways that do not duplicate the prejudices that sustain its inequalities, Fanon, she argues, outlined a vision of how to bring into being the democratically legitimate alternatives that Rousseau mainly imagined.

Mac Kung Fu Pragmatic Bookshelf

China’s rise, an increasing emphasis on international education benchmarking, and a global recognition of East Asian countries’ success in this regard have brought the issue of Chinese education to the forefront of public consciousness. In particular, the concept of a “Chinese education model” is one that has sparked debate and quickly become a major focus of education research around the world, especially in light of regional achievements vis-à-vis university rankings, bibliometric indices, the Programme for International Student Assessment (PISA), Trends in International Mathematics and Science Study (TIMSS), and other such benchmarks. *Chinese Education Models in a Global Age* tackles this controversial issue head on by synthesizing a diversity of analyses from a world-class team of twenty-seven authors. It reveals that Chinese education models, which are present in many different geographic and institutional contexts, have an important influence on social and institutional norms as well as individual belief systems and behaviors in China and beyond. The first of its kind, this edited volume establishes a foundation for future research while providing a nuanced and tightly integrated compilation of differing perspectives on the role and impact of Chinese education models worldwide. It is essential reading for all scholars, policymakers, students, parents, and educators interested in the rising demographic and economic influence of people of Chinese descent on education around the world.

Pro CSS and HTML Design Patterns Sams Publishing

This book constitutes the post-conference proceedings of the 5th International Conference on Machine Learning, Optimization, and Data Science, LOD 2019, held in Siena, Italy, in September 2019. The 54 full papers presented were carefully reviewed and selected from 158 submissions. The papers cover topics in the field of machine learning, artificial intelligence, reinforcement learning, computational optimization and data science presenting a substantial array of ideas, technologies, algorithms, methods and applications.

Beginning Ubuntu Linux Pragmatic Bookshelf

Does your Rails code suffer from bloat, brittleness, or inaccuracy? Cure these problems with the regular application of test-driven development. You'll use Rails 5.1, Minitest 5, and RSpec 3.6, as well as popular testing libraries such as *factory_girl* and *Cucumber*. Updates include Rails 5.1 system tests and *Webpack* integration. Do what the doctor ordered to make your applications feel all better. Side effects may include better code, fewer bugs, and happier developers. Your Ruby on Rails application is sick. Deadlines are looming, but every time you make the slightest change to the code, something else breaks. Nobody remembers what that tricky piece of code was supposed to do, and nobody can tell what it actually does. Plus, it has bugs.

You need test-driven development: a process for improving the design, maintainability, and long-term viability of software. With both practical code examples and discussion of why testing works, this book starts with the most basic features delivered as part of core Ruby on Rails. Once you've integrated those features into your coding practice, work with popular third-party testing tools such as *RSpec*, *Jasmine*, *Cucumber*, and *factory_girl*. Test the component parts of a Rails application, including the back-end model logic and the front-end display logic. With Rails examples, use testing to enable your code to respond better to future change. Plus, see how to handle real-world testing situations. This new edition has been updated to Rails 5.1 and *RSpec* 3.6 and contains full coverage of new Rails features, including system tests and the *Webpack*-based JavaScript setup. What You Need: Ruby 2.4, Rails 5.1

Web Design for Developers Simon and Schuster

Squeeze every drop of juice from OS X with over 400 quick and easy tips, tricks, hints and hacks in *Mac Kung Fu: Second Edition*. Exploit secret settings and hidden apps, push built-in tools to the limit, radically personalize your Mac experience, and make "it just works" even better. In addition to core OS X technologies, this significantly revised and expanded update to the best-selling first edition dissects new OS X Mountain Lion tools such as *iCloud*, *Notifications*, *Reminders*, and *Calendar*. *Mac Kung Fu: Second Edition* will blow your mind with secret hacks never before made public and little-known tricks that will change the way you work forever. From big tasks through everyday jobs, this book will improve your productivity and refine your workflow. You'll customize and manage the OS X interface, boost the power of built-in apps, efficiently handle the filesystem, implement important security tricks, and much more. Working with files in *iCloud*? We have tips to help. Managing program windows on your desktop? Hacks will make life easier. Creating reminders or notes? Use our tricks to make the process more productive. Emailing, tweeting, browsing, printing, word processing, testing and exploiting hardware, working with photos, movies, and documents... There's no area *Mac Kung Fu: Second Edition* doesn't touch upon, making it a unique and utterly necessary addition for any Mac lover's bookshelf. Each tip is deliberately short and readable, often detailing things even *Mac Geniuses* don't know, and you can dip in and out whenever you want. Most tips take less than a minute to complete, yet the results last for a lifetime of better computing. What You Need: A Mac running OS X Mountain Lion and above.

Python Testing with Pytest Springer Nature

This book provides a collection of comprehensive research articles on data analytics and applications of wearable devices in healthcare. This Special Issue presents 28 research studies from 137 authors representing 37 institutions from 19 countries. To facilitate the understanding of the research articles, we have organized the book to show various aspects covered in this field, such as eHealth, technology-integrated research, prediction models, rehabilitation studies, prototype systems, community health studies, ergonomics design systems, technology acceptance model evaluation studies, telemonitoring systems, warning systems, application of sensors in sports studies, clinical systems, feasibility studies, geographical location based systems, tracking systems, observational studies, risk assessment studies, human activity recognition systems, impact measurement systems, and a systematic review. We would like to take this opportunity to invite high quality research articles for our next Special Issue entitled “Digital Health and Smart Sensors for Better Management of Cancer and Chronic Diseases” as a part of *Sensors* journal.

The Social Media Reader Springer

If you want to learn how to use Linux, but don't know where to start read on. Knowing where to start when learning a new skill can be a challenge, especially when the topic seems so vast. There can be so much information available that you can't even decide where to start. Or worse, you start down the path of learning and quickly discover too many concepts, commands, and nuances that aren't explained. This kind of experience is frustrating and leaves you with more questions than answers. Linux for Beginners doesn't make any assumptions about your background or knowledge of Linux. You need no prior knowledge to benefit from this book. You will be guided step by step using a logical and systematic approach. As new concepts, commands, or jargon are encountered they are explained in plain language, making it easy for anyone to understand. Here is what you will learn by reading Linux for Beginners: How to get access to a Linux server if you don't already. What a Linux distribution is and which one to choose. What software is needed to connect to Linux from Mac and Windows computers. Screenshots included. What SSH is and how to use it, including creating and using SSH keys. The file system layout of Linux systems and where to find programs, configurations, and documentation. The basic Linux commands you'll use most often. Creating, renaming, moving, and deleting directories. Listing, reading, creating, editing, copying, and deleting files. Exactly how permissions work and how to decipher the most cryptic Linux permissions with ease. How to use the nano, vi, and emacs editors. Two methods to search for files and directories. How to compare the contents of files. What pipes are, why they are useful, and how to use them. How to compress files to save space and make transferring data easy. How and why to redirect input and output from applications. How to customize your shell prompt. How to be efficient at the command line by using aliases, tab completion, and your shell history. How to schedule and automate jobs using cron. How to switch users and run processes as others. Where to go for even more in-depth coverage on each topic. What you learn in "Linux for Beginners" applies to any Linux environment including Ubuntu, Debian, Linux Mint, RedHat, Fedora, OpenSUSE, Slackware, and more. Scroll up, click the Buy Now With 1 Click button and get started learning Linux today!

Hello, Android Springer Science & Business Media

Another day without Test-Driven Development means more time wasted chasing bugs and watching your code deteriorate. You thought TDD was for someone else, but it's not! It's for you, the embedded C programmer. TDD helps you prevent defects and build software with a long useful life. This is the first book to teach the hows and whys of TDD for C programmers. TDD is a modern programming practice C developers need to know. It's a different way to program--unit tests are written in a tight feedback loop with the production code, assuring your code does what you think. You get valuable feedback every few minutes. You find mistakes before they become bugs. You get early warning of design problems. You get immediate notification of side effect defects. You get to spend more time adding valuable features to your product. James is one of the few experts in applying TDD to embedded C. With his 1.5 decades of training, coaching, and practicing TDD in C, C++, Java, and C# he will lead you from being a novice in TDD to using the techniques that few have mastered. This book is full of code written for embedded C programmers. You don't just see the end product, you see code and tests evolve. James leads you through the thought process and decisions made each step of the way. You'll learn techniques for test-driving code right next to the hardware, and you'll learn design principles and how to apply them to C to keep your code clean and flexible. To run the examples in this book, you will need a C/C++ development environment on your

machine, and the GNU GCC tool chain or Microsoft Visual Studio for C++ (some project conversion may be needed).

Evidence-Based Positive Psychological Interventions in Multi-Cultural Contexts Springer

Ubuntu Linux is the fastest growing Linux-based operating system, and Beginning Ubuntu Linux, Fifth Edition teaches all of us—including those who have never used Linux—how to use it productively, whether you come from Windows or the Mac or the world of open source. Beginning Ubuntu Linux, Fifth Edition shows you how to take advantage of Lucid Lynx. Based on the best-selling previous edition, Emilio Raggi maintains a fine balance between teaching Ubuntu and introducing new features. Whether you aim to use it in the home or in the office, you'll be introduced to the world of Ubuntu Linux, from simple word processing to using cloud services. You'll learn how to control the Ubuntu system, which you just installed from the book's DVD, as you are guided through common tasks such as configuring the system's graphical user interface (GUI), listening to audio CDs and MP3s, producing documents, using VoIP and chat, and of course, general system maintenance. This book also supplies a series of comprehensive tutorials on Ubuntu administration and security—essential for any Ubuntu user—while not neglecting matters pertaining to office applications and the cloud.

Data Analytics and Applications of the Wearable Sensors in Healthcare Pragmatic Bookshelf

Master the art of article writing! The world of journalism is changing rapidly, and the modern journalist needs more than a basic knowledge of article writing to navigate it. The Complete Guide to Article Writing provides a compass for freelancers and students of journalism looking to write successfully on a wide variety of topics and for many different markets--both in print and online. From researching and interviewing to writing features, reviews, news articles, opinion pieces, and even blog posts, this one-stop guide will illuminate the intricacies of article writing so you can produce entertaining, informative, and salable articles. • Learn how to write coherently, cohesively, and concisely. • Choose the proper structure for the article you want to write. • Weave narrative and fact seamlessly into your pieces. • Develop your freelance platform with the latest in social media outlets. • Pitch your ideas like a pro. • Develop a professional relationship with editors. • And much more! Modern journalism can be a treacherous terrain, but with The Complete Guide to Article Writing as your companion, you'll not only survive the journey--you'll be able to write pieces that inform, entertain, inspire, delight--and sell!

Systemic Governance and Accountability NYU Press

The popularity of REST in recent years has led to tremendous growth in almost-RESTful APIs that don't include many of the architecture's benefits. With this practical guide, you'll learn what it takes to design usable REST APIs that evolve over time. By focusing on solutions that cross a variety of domains, this book shows you how to create powerful and secure applications, using the tools designed for the world's most successful distributed computing system: the World Wide Web. You'll explore the concepts behind REST, learn different strategies for creating hypermedia-based APIs, and then put everything together with a step-by-step guide to designing a RESTful Web API. Examine API design strategies, including the collection pattern and pure hypermedia Understand how hypermedia ties representations together into a coherent API Discover how XMDP and ALPS profile formats can help you meet the Web API "semantic challenge" Learn close to two-dozen standardized hypermedia data formats Apply best practices for using HTTP in API implementations Create Web APIs with the JSON-LD standard and other the Linked Data approaches Understand the CoAP protocol for using REST in

embedded systems

The British National Bibliography Pragmatic Bookshelf

Provides information on testing procedures and tools for Rails 2 and Rails 3.

Rails Test Prescriptions CRC Press

The 6th IAA Symposium on Small Satellites for Earth Observation, initiated by the International Academy of Astronautics (IAA), was again hosted by DLR, the German Aerospace Center. The participation of scientists, engineers, and managers from 24 countries reflected the high interest in the use of small satellites for dedicated missions applied to Earth observation. The contributions showed that dedicated Earth observation missions cover a wide range of very different tasks.

Europe and MENA Cooperation Advances in Information and Communication Technologies Springer

There's a change in the air. High-profile projects such as the Linux Kernel, Mozilla, Gnome, and Ruby on Rails are now using Distributed Version Control Systems (DVCS) instead of the old stand-bys of CVS or Subversion. Git is a modern, fast, DVCS. But understanding how it fits into your development can be a daunting task without an introduction to the new concepts.

Whether you're just starting out as a professional programmer or are an old hand, this book will get you started using Git in this new distributed world.

Ubuntu Linux Bible "O'Reilly Media, Inc."

Ubuntu builds on a solid base of Debian Linux to create an operating system that's light-years ahead of its competitors. This book includes tips on tweaking Ubuntu, wrangling the system into shape, optimizing, and enhancing security. It helps to learn what extraordinary things can be done with Ubuntu.

The Complete Guide to Article Writing Springer

Chaos Engineering teaches you to design and execute controlled experiments that uncover hidden problems. Summary Auto engineers test the safety of a car by intentionally crashing it and carefully observing the results. Chaos engineering applies the same principles to software systems. In Chaos Engineering: Site reliability through controlled disruption, you'll learn to run your applications and infrastructure through a series of tests that simulate real-life failures. You'll maximize the benefits of chaos engineering by learning to think like a chaos engineer, and how to design the proper experiments to ensure the reliability of your software. With examples that cover a whole spectrum of software, you'll be ready to run an intensive testing regime on anything from a simple WordPress site to a massive distributed system running on Kubernetes. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Can your network survive a devastating failure? Could an accident bring your day-to-day operations to a halt? Chaos engineering simulates infrastructure outages, component crashes, and other calamities to show how systems and staff respond. Testing systems in distress is the best way to ensure their future resilience, which is especially important for complex, large-scale applications with little room for downtime. About the book Chaos Engineering teaches you to design and execute controlled experiments that uncover hidden problems. Learn to inject system-shaking failures that disrupt system calls, networking, APIs, and Kubernetes-based microservices infrastructures. To help you practice, the book includes a downloadable Linux VM image with a suite of preconfigured tools so you can experiment quickly—without risk. What's inside Inject failure into processes, applications, and virtual machines Test software running on Kubernetes Work with both open source and legacy software Simulate database connection latency Test and improve your team's failure

response About the reader Assumes Linux servers. Basic scripting skills required. About the author Mikolaj Pawlikowski is a recognized authority on chaos engineering. He is the creator of the Kubernetes chaos engineering tool PowerfulSeal, and the networking visibility tool Goldpinger. Table of Contents 1 Into the world of chaos engineering PART 1 - CHAOS ENGINEERING FUNDAMENTALS 2 First cup of chaos and blast radius 3 Observability 4 Database trouble and testing in production PART 2 - CHAOS ENGINEERING IN ACTION 5 Poking Docker 6 Who you gonna call? Syscall-busters! 7 Injecting failure into the JVM 8 Application-level fault injection 9 There's a monkey in my browser! PART 3 - CHAOS ENGINEERING IN KUBERNETES 10 Chaos in Kubernetes 11 Automating Kubernetes experiments 12 Under the hood of Kubernetes 13 Chaos engineering (for) people RESTful Web Services Springer Nature

A learner's guide to creating standards-based Web pages.

Head First HTML with CSS & XHTML Springer Science & Business Media

Need to learn how to wrap your head around Git, but don't need a lot of hand holding? Grab this book if you're new to Git, not to the world of programming. Git tasks displayed on two-page spreads provide all the context you need, without the extra fluff.

Learn to Program Penguin

My mouth watered when first I saw the publication of this title, as it promised a next step in the exploration of cultural phenomena from within a culture's view and vision of itself. George Simons, Delta Intercultural Academy Essential reading for all practitioners and researchers who seek to gain greater insights on cultural differences and leadership competencies. Rosalie Tung, Simon Fraser University, Past President, Academy of Management and author of 11 books including Learning from World Class Companies This fascinating collection of local mythology shows how widely leadership models differ across nations, and how deeply these differences are rooted. True global leadership is based on empathy with local variety. Geert Hofstede, Maastricht University, The Netherlands, author of Culture's Consequences: Comparing Values, Behaviors, Institutions and Organizations Across Nations I have yet to come across a more captivating study of global leadership patterns. The reader is taken into largely uncharted territory linking globalisation, culture and leadership. Delving deep into folklore, mythology and spirituality we begin to understand how these are manifested in human behaviour and are exhibited in leadership styles. A must-read! S. Ramadorai, CEO of Tata Consultancy Services . . . intriguing and worthy book . . . If you are a voracious reader of books on leadership and management style, this 4 part book does provide copious food for thought. The extensive bibliographies at the end of every article/chapter offer excellent suggestions for your further reading and research and it's a great series of 21st century critical commentaries. The Barrister Magazine This ground-breaking book explains how deep-seated cultural mythologies shape contemporary global leaders and provides insights into navigating the dynamics and complexities in today's era of globalization. The authors use myths to uncover core characteristics and values from 20 different cultural contexts spanning all major regions of the world the Americas, Europe, Africa and the Middle East, and Asia and the Pacific Rim that have evolved over generations and continue to shape global leadership models. Commentaries are included from practicing managers and leaders to provide real world insights on the implications of the ideas discussed. International managers and executives, public officials, business consultants and corporate trainers will welcome the insights on cross-cultural leadership styles. The book will also find interest from researchers and students across a broad array of professional and social science disciplines.