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The Art of Date Selection :
Personal Date Selection

Everyman Chess

Every day is strange if you know your history. This illustrated daily trivia almanac explores a bizarre moment through the ages for each day of the year, such as: The odiferous debut of Smell-o-Vision (January 12, 1960) The execution of Oliver Cromwell, more than two years after his death (January 30, 1661) The day the first pig actually flew (November 4, 1909) That time the United States ran out of toilet

paper (December 19, 1973)

Drawing on a range of subjects including politics, sports, the arts, pop culture, and more, each What the . . . fact offers daily or dip-in-and-out diversion, and an opportunity to learn something new and stranger every day.

The Everyday Guide to Special Education Law
Simon and Schuster

Get more out of your lesson planner than just a place to record grades and attendance! A new school year means a new "grade book"--a place to put everything that you need to keep your classroom running smoothly. But can your lesson planner do more for you than just give you blank

pages? Yes! The Organized Teacher's Lesson Planner goes beyond this and offers content--critical information like forthcoming dates for African American History Month, National School Bus Safety Week, or International Stuttering Awareness Day. It offers you classroom management hints and tips and other helpful sidebar checklists and quick ideas. The spiral binding allows you to lay the book flat or tear out used pages as desired, and the cover's heavy cardstock will sustain the wear-and-tear of an average school year. Do more with your grade book; get the The Organized Teacher's Lesson Planner and expand your teaching possibilities! Hacking Packt Publishing Ltd Learn the techniques and math you need to

start making sense of your data About This Book Enhance your knowledge of coding with data science theory for practical insight into data science and analysis More than just a math class, learn how to perform real-world data science tasks with R and Python Create actionable insights and transform raw data into tangible value Who This Book Is For You should be fairly well acquainted with basic algebra and should feel comfortable reading snippets of R/Python as well as pseudo code. You should have the urge to learn and apply the techniques put forth in this book on either your own data sets or those provided to you. If you have the basic math skills but want to apply them in data science or you have good programming skills but lack math, then this book is for you. What You Will Learn Get to

know the five most important steps of data science Use your data intelligently and learn how to handle it with care Bridge the gap between mathematics and programming Learn about probability, calculus, and how to use statistical models to control and clean your data and drive actionable results Build and evaluate baseline machine learning models Explore the most effective metrics to determine the success of your machine learning models Create data visualizations that communicate actionable insights Read and apply machine learning concepts to your problems and make actual predictions In Detail Need to turn your skills at programming into effective data science skills? Principles of Data Science is created to help you join the dots between mathematics, programming, and business analysis. With this book, you'll feel confident about asking—and answering—complex and sophisticated questions of your data to move from abstract and raw statistics to actionable ideas. With a unique approach that bridges the gap between mathematics and computer science, this books takes you through the entire data science pipeline. Beginning with cleaning and preparing data, and effective data mining strategies and techniques, you'll move on to build a comprehensive picture of how every piece of the data science puzzle fits together. Learn the fundamentals of computational mathematics and statistics, as well as some pseudocode being used today by data scientists and analysts. You'll get to grips with machine learning, discover the statistical

models that help you take control and navigate even the densest datasets, and find out how to create powerful visualizations that communicate what your data means. Style and approach This is an easy-to-understand and accessible tutorial. It is a step-by-step guide with use cases, examples, and illustrations to get you well-versed with the concepts of data science. Along with explaining the fundamentals, the book will also introduce you to slightly advanced concepts later on and will help you implement these techniques in the real world.

Systematic Theology Independently
Published

This book will help you learn to hack in an easy and Step-By-Step method.

Previously, only computer networks were getting hacked, but in today's modern

world, technology has grown immensely and now many other fields are vulnerable to hacking. From laptops to smartphones to printers, our devices are getting more prone to hacking as hackers target common users to get access to their confidential information or bank details. We all are familiar with the term "HACKING". But have you ever wondered what it really is? What are the different types of Hackers? Who are the target victims of hackers? What things can be hacked by a hacker? How is it done? All these questions are answered here in this book. This book will cover all the aspects of hacking including: Hacking a website Hacking tools you must know including password crackers Hacking case studies Security breaches XSS security Bluetooth hacking Captcha techniques Spam, Trojan horses, Spoofing, Malware, and more

Virus vs. Spyware - What is the difference? Are cookies safe? And much more! It has been designed to prepare you to understand how you can keep yourself safe from hackers, the best practices for developing hack resilient web applications, and details about Cyber theft and its consequences. So What are you waiting for ? Grab your copy NOW !

Java Professional Interview Guide

Chronicle Books

Mastering advanced JavaScript to build modern next-generation web applications.

• KEY FEATURES •
_ A simplified explanation of complex concepts to create powerful and flexible web applications. _ Learn testing JavaScript code, regular expressions, fetching data, and many more with ES6. _ A full-fledged section dedicated to developing an application

using JavaScript. DESCRIPTION
Decoding JavaScript will take the users on an eventful journey of simplifying and understanding advanced concepts of JavaScript. Since JavaScript is the core programming language for almost every interaction on the web, this book will make it easier for readers to develop modern cutting-edge web applications. • The book begins with a quick recap of the fundamental JavaScript (JS) concepts like the syntax of JS, data types, operators, conditionals, looping, functions, arrays, objects, and so on. The readers will also explore the handy Chrome Developers Tools. • This book will also help readers learn and implement important concepts like how to connect to the servers, fetching data like images, user information, videos,

etc. from the server, and displaying it on the web page. Besides that, users will learn about impactful concepts like testing JavaScript code, regular expressions, and exploring the popular ES6 and the versions beyond. Most importantly, this book will help you with the best JavaScript practices followed by companies like Google, Facebook, Twitter, etc. to develop a live application right from scratch. **WHAT YOU WILL LEARN** _ Build dynamic web applications interacting with servers using Vanilla. _ Improve code efficiency by learning advanced concepts of JavaScript. _ Get acquainted with best practices adopted by industry leaders, including Google and Facebook. _ Get access to work with popular libraries like ReactJS, jQuery, Angular, Ember, and Vue. **WHO**

THIS BOOK IS FOR _ This book is for aspiring web developers and fairly experienced JavaScript developers who want to create modern web and server applications. Prior knowledge of HTML and CSS is essential to begin with this book. **TABLE OF CONTENTS** 1. Introduction to JavaScript 2. The Developer's Tools 3. Functions 4. Arrays 5. Objects 6. ES6 7. Classes 8. Callbacks and Promises 9. AJAX and Interacting with Servers 10. Developing a Live Application! 11. Storing Data in Browsers 12. Debugging and Error Handling 13. Testing and Test Frameworks 14. Regular Expressions 15. Life after ES6 16. Tips and Tricks
Data Engineering on Azure BPB Publications
Distributed across servers, difficult to

test, and resistant to modification--modern software is complex. *Grokking Simplicity* is a friendly, practical guide that will change the way you approach software design and development. It introduces a unique approach to functional programming that explains why certain features of software are prone to complexity, and teaches you the functional techniques you can use to simplify these systems so that they're easier to test and debug. Available in PDF (ePub, kindle, and liveBook formats coming soon). about the technology Even experienced developers struggle with software systems that sprawl across distributed servers and APIs, are filled with

redundant code, and are difficult to reliably test and modify. Adopting ways of thinking derived from functional programming can help you design and refactor your codebase in ways that reduce complexity, rather than encouraging it. *Grokking Simplicity* lays out how to use functional programming in a professional environment to write a codebase that's easier to test and reuse, has fewer bugs, and is better at handling the asynchronous nature of distributed systems. about the book In *Grokking Simplicity*, you'll learn techniques and, more importantly, a mindset that will help you tackle common problems that arise when software gets complex. Veteran

functional programmer Eric Normand guides you to a crystal-clear understanding of why certain features of modern software are so prone to complexity and introduces you to the functional techniques you can use to simplify these systems so that they're easier to read, test, and debug. Through hands-on examples, exercises, and numerous self-assessments, you'll learn to organize your code for maximum reusability and internalize methods to keep unwanted complexity out of your codebase. Regardless of the language you're using, the ways of thinking in this book will help recognize problematic code and tame even the most complex software. what's inside Apply functional programming principles to reduce codebase complexity Work with data transformation pipelines for code that's easier to test and reuse Tools for modeling time to simplify asynchrony 60 exercises and 100 questions to test your knowledge about the reader For experienced programmers. Examples are in JavaScript. about the author Eric Normand has been a functional programmer since 2001 and has been teaching functional programming online and in person since 2007. Visit LispCast.com to see more of his credentials.

HVAC Systems Duct Design Simon and Schuster
Discover the latest trends in web design!

Looking for inspiration for your latest web design project? Expert Patrick McNeil, author of the popular Web Designer's Idea Book series, is back with all new examples of today's best website design. Featuring more than 650 examples of the latest trends, this fourth volume of The Web Designer's Idea Book is overflowing with visual inspiration. Arranged categorically, this fully illustrated guide puts important topics like design styles, elements, themes and responsive design at your fingertips. This new volume also includes a detailed discussion of portfolios to help you stay ahead of the pack and keep your portfolio fresh and relevant. The world of web design is constantly reinventing itself. Stay on top of what's hot with the latest installment of this indispensable reference.

Python Simon and Schuster

With wit and sharp insight, former Traffic Commissioner of New York City, Sam

Schwartz a.k.a. "Gridlock Sam," one of the most respected transportation engineers in the world and consummate insider in NYC political circles, uncovers how American cities became so beholden to cars and why the current shift away from that trend will forever alter America's urban landscapes, marking nothing short of a revolution in how we get from place to place. When Sam Schwartz was growing up in Bensonhurst, Brooklyn—his block belonged to his community: the kids who played punchball and stickball & their parents, who'd regularly walk to the local businesses at which they also worked. He didn't realize it then, but Bensonhurst was already more like a museum of a long-forgotten way-of-life than a picture of America's future. Public transit traveled over and under city

streets—New York's first subway line opened in 1904—but the streets themselves had been conquered by the internal combustion engine. America's dependency on the automobile began with the 1908 introduction of Henry Ford's car-for-everyone, the Model T. The “battle for right-of-way” in the 1920s saw the demise of streetcars and transformed America's streets from a multiuse resource for socializing, commerce, and public mobility into exclusive arteries for private automobiles. The subsequent destruction of urban transit systems and post WWII suburbanization of America enabled by the Interstate Highway System and the GI Bill forever changed the way Americans commuted. But today, for the first time in history, and after a hundred years of steady increase, automobile driving is in decline. Younger Americans increasingly prefer active transportation choices like walking or cycling and taking public transit, ride-shares or taxis. This isn't a consequence of higher gas prices, or even the economic downturn, but rather a collective decision to be a lot less dependent on cars—and if American cities want to keep their younger populations, they need to plan accordingly. In *Street Smart*, Sam Schwartz explains how. In this clear and erudite presentation of the principles of smart transportation and sustainable urban planning—from the simplest cobblestoned street to the brave new world of driverless cars and trains—Sam Schwartz combines rigorous historical scholarship with the personal and entertaining recollections of a man who has

spent more than forty years working on planning intelligent transit networks in New York City. *Street Smart* is a book for everyone who wants to know more about the who, what, when, where, and why of human mobility.

What the Fact?! John Wiley & Sons

Timing is Everything At the core of *Date Selection* practise resides the idea of 'doing the right thing, at the right time'. With *Personal Date Selection*, you can learn how to infuse positive energies present at a specific time into any activity you're embarking to have greater chances of success. From signing business contracts, to moving into a new house, or to making a marriage proposal - a good auspicious date is nothing but essential to the make-or-break of these important endeavours.

Principles of Data Science PublicAffairs

Become a Python Programming Expert With Ease! Python is a simple yet powerful programming language that can enable you to start thinking like a programmer right from the beginning. It is very readable and the stress many beginners face about memorizing arcane syntax typically presented by other programming languages will not affect you at all.

Conversely, you will be able to concentrate on learning concepts and paradigms of programming. This book shall introduce you to an easy way to learn Python in just 7 days and in this time, be able to complete your own projects! By reading the book and implementing what you learn herein, you will realize just why major institutions like NASA, Google, Mozilla,

Yahoo, Dropbox, IBM, Facebook and many others prefer to use python in their core products, services and business processes. Let's begin.

Ask Byte Joey Yap Research Group Learn Solidity And How To Create Smart Contracts With This Book!For the past couple of years, there hasn't been a bigger breakthrough in the IT world than the one that Blockchain technology has made. The extremely fast growth of the industry, market and the technology itself leads to an enormous shortage of programmers that truly understand the blockchain. Along with the blockchain, smart contracts have emerged and with them - Solidity.The idea of this book is to give you the easiest and best practices in becoming a blockchain developer. We will be focusing on the

smart contracts development with Solidity in the Ethereum ecosystem.You will learn to create your first smart contracts in the Ethereum blockchain even if you are a complete beginner and you know nothing about programming or Solidity.I will show you the online IDE Remix to create your first smart contracts and we will go through all the features that Solidity provides us as a programming language.In this book you will learn the following: We'll learn the essentials of the Ethereum blockchain. How to make and protect our wallets as well as mastering Metamask as our main Ethereum wallet in the creation of our smart contracts. We will go through the basic and advanced concepts of the Solidity language. We learn in depth how you can build your own smart contracts and test them out instantly in

Remix. I will teach you how to use Metamask as your Ethereum wallet and I will give you security advice that will keep your crypto assets secure. You will have assignments that will help you out understand the material better with actual practice and not only passive consumption. After you finish this course you will fall in love with Solidity, Ethereum ecosystem and the smart contract's creation.

The Organized Teacher's Lesson Planner
BPB Publications

In France, 1940, a young boy killed Hitler with a single shot. This is how this story begins. A Jewish, feminist women's fiction with a hint of magical realism, this story, which was partly inspired by the Russian play, *The Dybbuk* will surely awaken the fire in your womb and the hidden passions you have been yearning for. If you loved 'Unorthodox' you will no doubt fall in

love with this story. Alma, a young married Hasidic Jewish girl who lives in a French town called Roshel, does not seem to be aware of just how much freedom she needs. In a world where women feel as though they must find a man to complete themselves, haunted by the ghosts of a past that is not even hers, she takes a terrifying, and harrowing path to self-discovery and finds her way to the wild woman that existed dormant in her, with the help of a mysterious, lustful man who calls himself "The Devil," She finds her way to Barcelona, where she meets a group of curious gypsy people who will help her find her way out of the invisible cage in which she lives, and surrender to the fire and passion that fills her womb. Alma falls in love and lust, but she realizes that she cannot belong to any man after she discovers the real truth of the past. That she already belongs to a ghost that will haunt to claim her forever. She was promised. And that promise

cannot be broken. A story of a bond stronger than time, war and death, of a boy who destroys a world of dark men and the path a young woman must take to break the walls of a limiting, religious world. Where fire once burned her people, a new fire in her womb now leads her to create a new life.

Advanced Algorithms and Data Structures
BPB Publications

Here, for the first time, Ukrainian grandmaster Belyavsky has selected and annotated the finest of his chess games. The reader quickly becomes immersed in the fighting spirit and love of attacking play that has made Belyavsky one of the most respected modern grandmasters.

Grokking Simplicity McGraw Hill
Professional

The First Definitive English Reference
to the Chinese 28 Constellations The

first book of its kind in English, Qi Men Dun Jia 28 Constellation sheds light on the oldest star-cataloguing systems in the world. Collecting information from associated mythology to Chinese metaphysical significance, this book is the definitive reference for the Chinese Metaphysics enthusiast - especially if you are a Qi Men Dun Jia practitioner.

Promised in Fire Simon and Schuster
Build a data platform to the industry-leading standards set by Microsoft's own infrastructure. Summary In Data Engineering on Azure you will learn how to: Pick the right Azure services for different data scenarios Manage data inventory Implement production quality data modeling, analytics, and machine learning workloads Handle data governance Using DevOps to increase reliability Ingesting,

storing, and distributing data Apply best practices for compliance and access control Data Engineering on Azure reveals the data management patterns and techniques that support Microsoft's own massive data infrastructure. Author Vlad Riscutia, a data engineer at Microsoft, teaches you to bring an engineering rigor to your data platform and ensure that your data prototypes function just as well under the pressures of production. You'll implement common data modeling patterns, stand up cloud-native data platforms on Azure, and get to grips with DevOps for both analytics and machine learning. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Build secure, stable data platforms that can scale to loads of any size. When a project moves from the lab into production, you need confidence that it can stand up to real-world challenges.

This book teaches you to design and implement cloud-based data infrastructure that you can easily monitor, scale, and modify. About the book In Data Engineering on Azure you'll learn the skills you need to build and maintain big data platforms in massive enterprises. This invaluable guide includes clear, practical guidance for setting up infrastructure, orchestration, workloads, and governance. As you go, you'll set up efficient machine learning pipelines, and then master time-saving automation and DevOps solutions. The Azure-based examples are easy to reproduce on other cloud platforms. What's inside Data inventory and data governance Assure data quality, compliance, and distribution Build automated pipelines to increase reliability Ingest, store, and distribute data Production-quality data modeling, analytics, and machine learning About the reader For data engineers familiar with cloud computing and DevOps.

About the author Vlad Riscutia is a software architect at Microsoft. Table of Contents 1 Introduction PART 1 INFRASTRUCTURE 2 Storage 3 DevOps 4 Orchestration PART 2 WORKLOADS 5 Processing 6 Analytics 7 Machine learning PART 3 GOVERNANCE 8 Metadata 9 Data quality 10 Compliance 11 Distributing data

Web Designer's Idea Book, Volume 4

Circuit Cellar

Buy the Paperback today and get the Ebook Free (US Only) Have you always wanted to learn computer programming but thought it was too difficult or would take too long? Do you want to know the secret to learning Python the easy way and start programming today? This book is for you. You don't need to waste your time and money learning Python

the hard way through tiresome technical books, expensive online courses and difficult Python tutorials. This non-technical book will gently guide you through... The Python Programming Language. You will learn the most concise methods to get you coding on day one-the smart way. Python for Beginners. Beginner friendly hands on examples of practical and usable projects. The most useful Python examples. Each example is specifically designed to give you a progressive and thorough understanding of key concepts and all answers are provided. Strategic Python topics. The topics are presented in user friendly bite sized chunks to optimize a quick learning style which will

also make it easy for you to remember. This book is different in that its primary focus is to teach you Python coding in a simple and concise format and in the quickest time frame possible. Each short chapter has exercises at the end which summarize what you have learned in a progressive manner to avoid overloading you with information. Each exercise has been carefully chosen to enable you to master the language and retain what you have learned. No technical skills, previous knowledge or experience is required. Download it now by clicking the BUY button. You'll also learn: Exactly what is Python? Which software do you need to code and run Python programs and where to find it? What are variables? What are strings and methods? Using operations with numbers? Using operations with lists? How to use comments? Working with loops? Working with IF statements? Operations involving dictionaries. Operations using defined functions. How to work with files? How to manage errors and exceptions? And more! Finally, you will be gently guided on how to put everything that you have learned together so that you can immediately start your own Python coding in your chosen real-world scenarios. If you are serious about learning Python fast and learning it well then start today by scrolling to the top and buying with one click. Money back guarantee! You don't

need a kindle device to read this eBook. You can read it on you PC, Laptop, Mac, iPad, Tablet or even your phone.

Python, Object-oriented Python, Python course, Python book, learning Python, Python language, Python examples, Python tutorials, Python programming language, Python coding, Python programming for beginners, Python for Dummies the python The Python 100+ Solutions in Java Osborne Publishing Guide covering topics from machine learning, regression models, neural network to tensor flow Key features Machine learning in MATLAB using basic concepts and algorithms. Deriving and accessing of data in MATLAB and next, pre-processing and preparation of data. Machine learning workflow for health monitoring. The neural network domain and

implementation in MATLAB with explicit explanation of code and results. How predictive model can be improved using MATLAB? MATLAB code for an algorithm implementation, rather than for mathematical formula. Machine learning workflow for health monitoring. Description Machine learning is mostly sought in the research field and has become an integral part of many research projects nowadays including commercial applications, as well as academic research. Application of machine learning ranges from finding friends on social networking sites to medical diagnosis and even satellite processing. In this book, we have made an honest effort to make the concepts of machine learning easy and give basic programs in MATLAB right from the installation part. Although the real-time application of machine learning is endless, however, the basic concepts and algorithms are discussed using MATLAB language so that

not only graduation students but also researchers are benefitted from it. What will you learn

Pre-requisites to machine learning
Finding natural patterns in data
Building classification methods
Data pre-processing in Python
Building regression models
Creating neural networks
Deep learning
Who this book is for
The book is basically meant for graduate and research students who find the algorithms of machine learning difficult to implement. We have touched all basic algorithms of machine learning in detail with a practical approach. Primarily, beginners will find this book more effective as the chapters are subdivided in a manner that they find the building and implementation of algorithms in MATLAB interesting and easy at the same time.

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About the author
Abhishek Kumar Pandey is pursuing his Doctorate in computer science and done M.Tech in Computer Sci. & Engineering. He has been working as an Assistant professor of Computer Science at Aryabhata Engineering College and Research center, Ajmer and also visiting faculty in Government University MDS Ajmer. He has total Academic teaching experience of more than eight years with more than 50 publications in reputed National and International Journals. His research area includes- Artificial intelligence, Image processing, Computer Vision, Data Mining, Machine Learning. His Blog: <http://veenapandey.simplesite.com/His>
LinkedIn Profile: <https://www.linkedin.com/in/abhishek-pandey-ba6a6a64/>
Pramod Singh Rathore is M. Tech in Computer Sci. and

Engineering from Government Engineering College Ajmer, Rajasthan Technical University, Kota, India. He have been working as an Assistant Professor Computer Science at Aryabhata Engineering College and Research center, Ajmer and also a visiting faculty in Government University Ajmer. He has authored a book in Network simulation which published worldwide. He has a total academic teaching experience more than 7 years with many publications in reputed national group, CRC USA, and has 40 publications as Research papers and Chapters in reputed National and International E-SCI SCOPUS. His research area includes machine learning, NS2, Computer Network, Mining, and DBMS. Dr S. Balamurugan is the Head of Research and Development, Quants IS & CS, India. Formely, he was the Director of Research and Development at Mindnotix Technologies, India. He has authored/co-authored 33 books and has 200 publications in various international journals and conferences to his credit. He was awarded with Three Post-Doctoral Degrees- Doctor of Science (D.Sc.) degree and Two Doctor of Letters(D.Litt) degrees for his significant contribution to research and development in Engineering, and is the receipient of thee Best Director Award, 2018. His biography is listed in "e;World Book of Researchers"e; 2018, Oxford, UK and in "e;Marquis WHO'S WHO"e; 2018 issue, New Jersey, USA. He carried out a healthcare consultancy project for VGM Hospitals between 2013 and 2016, and his current research projects include "e;Women Empowerment using IoT"e;., "e;Health-Aware Smart Chair"e;., "e;Advanced Brain Simulators for Assisting Physiological Medicine"e;., "e;Designing Novel Health Bands"e; and "e;IoT -based Devices for Assisting Elderly People"e;. His LinkedIn Profile: <https://www.linkedin.com/in/dr-s->

balamurugan-008a7512/

Qi Men Dun Jia: 28 Constellations Joey Yap Research Group

Advanced Algorithms and Data Structures introduces a collection of algorithms for complex programming challenges in data analysis, machine learning, and graph computing. Summary As a software engineer, you'll encounter countless programming challenges that initially seem confusing, difficult, or even impossible. Don't despair! Many of these "new" problems already have well-established solutions. Advanced Algorithms and Data Structures teaches you powerful approaches to a wide range of tricky coding challenges that you can adapt and apply to your own applications. Providing a balanced blend of classic, advanced, and

new algorithms, this practical guide upgrades your programming toolbox with new perspectives and hands-on techniques. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Can you improve the speed and efficiency of your applications without investing in new hardware? Well, yes, you can: Innovations in algorithms and data structures have led to huge advances in application performance. Pick up this book to discover a collection of advanced algorithms that will make you a more effective developer. About the book Advanced Algorithms and Data Structures introduces a collection of algorithms for complex programming challenges in data analysis, machine learning, and graph

computing. You'll discover cutting-edge approaches to a variety of tricky scenarios. You'll even learn to design your own data structures for projects that require a custom solution. What's inside

Build on basic data structures you already know
Profile your algorithms to speed up application
Store and query strings efficiently
Distribute clustering algorithms with MapReduce
Solve logistics problems using graphs and optimization algorithms
About the reader
For intermediate programmers. About the author
Marcello La Rocca is a research scientist and a full-stack engineer. His focus is on optimization algorithms, genetic algorithms, machine learning, and quantum computing.

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Ciarcia's Circuit Cellar BPB Publications

Node.js supports both client and server side applications. It is based on JavaScript and is very fast in operation. These distinctive features made node.js as one of the most powerful framework in the Java Ecosystem. JavaScript alone allows you to build real-time and scalable mobile and web applications. With this e-book, you will explore more on the node.js framework and how to use it efficiently for web development. Average developers or beginners who struggle to understand node.js basics will find this book very helpful and

productive. The book tried to put examples that simplify problems usually faced by the users like how asynchronous code works, what are modules, how big file can be read, node.js express, etc. You will find that lots of concepts that take a long time to master can be learned in a day or two. If this is your first interaction with node.js and don't want all sort of troubles that arise with the node, this edition is recommended. After going through this e-book, node.js will become an absolute pleasure. Table of content Chapter 1: Introduction What is node.js Why use Node.js Features of Node.js When to use and not use Node.js Chapter 2: Download & Install Node.js How to install node.js Installing node through a package manager Running your first Hello world application in Node.js Chapter 3: Modules What are modules in Node.js Using modules in Node.js Creating NPM modules Extending modules Publishing NPM Modules

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Practical Approach for Machine Learning and Deep Learning Algorithms Kevin Clark
A step-by-step guide to Java development

for beginners and professionals KEY FEATURES ? Gain a deep understanding of how various Java APIs work. ? Master modular programming with Java. ? Learn to use features such as lambda expressions, the Time API, and the Stream API. DESCRIPTION 100+ Solutions in Java is a comprehensive and accessible guide to developing Java applications from version 8 to 19. Whether you are a beginner or a seasoned pro, this book will help you learn the latest Java features and best practices, one step at a time. The book covers a wide range of topics, from basic programming concepts to advanced topics like concurrency and design patterns. Each chapter has clear and concise explanations, helpful examples, and practical exercises. By the end of the book,

you'll be able to develop sophisticated Java applications that are both efficient and reliable. WHAT YOU WILL LEARN ? Explore the newly introduced features in Java 8 to 19. ? Gain a deep understanding of the Java Stream API. ? Master the art of working with Java regular expressions. ? Get a comprehensive overview of inheritance and interfaces in Java. ? Familiarize yourself with design patterns in Java. WHO THIS BOOK IS FOR This book is for anyone who wants to learn Java programming, including Java developers, technical specialists, and beginners. Prior experience with programming languages such as C, C++, Python, or SQL databases will be helpful, but is not required. TABLE OF CONTENTS 1. Introduction to Java 2. Java Programming Constructs 3. Java

Application Components 4. Java Reference Types 5. Subclasses and Interfaces 6. Exceptions and Regular Expressions 7. Collections and Stream API 8. Generics and Time API 9. File Manipulation in Java 10. Threads and JDBC 11. Design Patterns and Internationalization 12. More about JDK 8, 9, and 10 13. Java 11 (LTS) and New Updates 14. Java 17 (LTS) and New Updates