

Python features outside of their experience. With this book, those Python programmers will thoroughly learn how to become proficient in Python 3. This book covers: Python data model: understand how special methods are the key to the consistent behavior of objects Data structures: take full advantage of built-in types, and understand the text vs bytes duality in the Unicode age Functions as objects: view Python functions as first-class objects, and understand how this affects popular design patterns Object-oriented idioms: build classes by learning about references, mutability, interfaces, operator overloading, and multiple inheritance Control flow: leverage context managers, generators, coroutines, and concurrency with the concurrent.futures and asyncio packages Metaprogramming: understand how properties, attribute descriptors, class decorators, and metaclasses work

Teaching Social Studies Today 2nd Edition Jul 01 2021 NULL

STAR Program Manual Jan 24 2021

Building Microservices Jan 07 2022 Annotation Over the past 10 years, distributed systems have become more fine-grained. From the large multi-million line long monolithic applications, we are now seeing the benefits of smaller self-contained services. Rather than heavy-weight, hard to change Service Oriented Architectures, we are now seeing systems consisting of collaborating microservices. Easier to change, deploy, and if required retire, organizations which are in the right position to take advantage of them are yielding significant benefits. This book takes a holistic view of the things you need to be cognizant of in order to pull this off. It covers just enough understanding of technology, architecture, operations and organization to show you how to move towards finer-grained systems.

Connect Level 2 Workbook Oct 28 2023 "Connect is a four-level, four-skills American English course for young adolescents. Connect encourages students to connect to English through contemporary, high-interest topics and contexts, fun dialogs, and games. Each student's book includes grammar and vocabulary presentations and a multi-skills, graded syllabus"--Provided by publisher.

Lesson Plan and Record Book Aug 26 2023 Weekly lesson plan pages for six different subjects.

Records for each of four 10-week quarters can be read on facing pages. Plus helpful tips for substitute teachers. 8-1/2" x 11". Spiral-bound.

Reading, Writing, and Rising Up Nov 04 2021 Give students the power of language by using the inspiring ideas in this very readable book.

RightStart Mathematics Apr 29 2021 RightStart Mathematics is a comprehensive math program for children that is easy to teach and provides the foundation for everyday life, for advanced math, and for science in our technological world. The research-based elementary and intermediate RightStart Mathematics program is easy to use: the lessons tell you what to teach, and how and why, day by day and year by year. This unique program uses visualization of quantities, de-emphasizes counting, and provides visual strategies (mental pictures) for memorizing the facts. Understanding is emphasized. Math needs to be taught so 95 percent is understood and only 5 percent memorized. When children don't understand, they memorize until the burden becomes too great and then they give up. When children understand, they need less time in review and practice.

Touchstone Level 2 Student's Book Sep 26 2023 "Touchstone is an innovative four-level series for adults and young adults, taking students from beginning to intermediate levels (CEFR: A1-B2). Based on research into the Cambridge English Corpus, Touchstone teaches English as it is really used. It presents natural language in authentic contexts, and explicitly develops conversation strategies so learners speak with fluency and confidence."--Page 4 of cover.

C# in Depth Feb 25 2021 A guide to the key topics of C# covers such topics as lambda expressions, LINQ, generics, nullable types, iterators, and extension methods.

Common LISP Mar 21 2023 The defacto standard - a must-have for all LISP programmers. In this greatly expanded edition of the defacto standard, you'll learn about the nearly 200 changes already made since original publication - and find out about gray areas likely to be revised later. Written by the Vice- Chairman of X3J13 (the ANSI committee responsible for the standardization of Common Lisp) and co-developer of the language itself, the new edition contains the entire text of the first edition plus six completely new chapters. They cover: - CLOS, the Common Lisp Object System, with new

features to support function overloading and object-oriented programming, plus complete technical specifications * Loops, a powerful control structure for multiple variables * Conditions, a generalization of the error signaling mechanism * Series and generators * Plus other subjects not part of the ANSI standards but of interest to professional programmers. Throughout, you'll find fresh examples, additional clarifications, warnings, and tips - all presented with the author's customary vigor and wit.

Python for Software Design Feb 05 2022 Python for Software Design is a concise introduction to software design using the Python programming language. The focus is on the programming process, with special emphasis on debugging. The book includes a wide range of exercises, from short examples to substantial projects, so that students have ample opportunity to practice each new concept.

Introducing the New Testament Jun 23 2023 This lively, engaging introduction to the New Testament is critical yet faith-friendly, lavishly illustrated, and accompanied by a variety of pedagogical aids, including sidebars, maps, tables, charts, diagrams, and suggestions for further reading. The full-color interior features art from around the world that illustrates the New Testament's impact on history and culture. The first edition has been well received (over 60,000 copies sold). This new edition has been thoroughly revised in response to professor feedback and features an updated interior design. It offers expanded coverage of the New Testament world in a new chapter on Jewish backgrounds, features dozens of new works of fine art from around the world, and provides extensive new online material for students and professors available through Baker Academic's Textbook eSources.

Modern Data Science with R Nov 16 2022 From a review of the first edition: "Modern Data Science with R... is rich with examples and is guided by a strong narrative voice. What's more, it presents an organizing framework that makes a convincing argument that data science is a course distinct from applied statistics" (The American Statistician). Modern Data Science with R is a comprehensive data science textbook for undergraduates that incorporates statistical and computational thinking to solve real-world data problems. Rather than focus exclusively on case studies or programming syntax, this book illustrates how statistical programming in the state-of-the-art R/RStudio computing environment can be leveraged to extract meaningful information from a variety of data in the service of addressing compelling questions. The second edition is updated to reflect the growing influence of the tidyverse set of packages. All code in the book has been revised and styled to be more readable and easier to understand. New functionality from packages like sf, purrr, tidymodels, and tidytext is now integrated into the text. All chapters have been revised, and several have been split, re-organized, or re-imagined to meet the shifting landscape of best practice.

Rethinking Popular Culture and Media Aug 14 2022 A provocative collection of articles that begins with the idea that the "popular" in classrooms and in the everyday lives of teachers and students is fundamentally political. This anthology includes articles by elementary and secondary public school teachers, scholars and activists who examine how and what popular toys, books, films, music and other media "teach." The essays offer strong critiques and practical pedagogical strategies for educators at every level to engage with the popular.

English in Action 1 Mar 28 2021 English in Action is a four-level, standards-based integrated language learning program that prepares adults for work and academic success. The third edition of English in Action features authentic and high-interest content from National Geographic to promote critical thinking and 21st century skills. English in Action is retaining its best-selling grammar approach and relevance of topics to learner's lives that prepare learners for education or a career pathway.

Python Crash Course, 2nd Edition Apr 09 2022 The best-selling Python book in the world, with over 1 million copies sold! A fast-paced, no-nonsense, updated guide to programming in Python. If you've been thinking about learning how to code or picking up Python, this internationally bestselling guide to the most popular programming language is your quickest, easiest way to get started and go! Even if you have no experience whatsoever, Python Crash Course, 2nd Edition, will have you writing

programs, solving problems, building computer games, and creating data visualizations in no time. You'll begin with basic concepts like variables, lists, classes, and loops—with the help of fun skill-strengthening exercises for every topic—then move on to making interactive programs and best practices for testing your code. Later chapters put your new knowledge into play with three cool projects: a 2D Space Invaders-style arcade game, a set of responsive data visualizations you'll build with Python's handy libraries (Pygame, Matplotlib, Plotly, Django), and a customized web app you can deploy online. Why wait any longer? Start your engine and code!

Lecture Ready Second Edition 1: Student Book May 30 2021 Through the use of realistic and engaging lectures, Lecture Ready Second Edition prepares students for the demands and atmosphere of the higher-education classroom. Note-taking strategies focus on accurate and concise recording of class material. Academic discussion strategies help students participate fully and smoothly in classroom discussions. Students are more competent and confident when they learn how to present using proven strategies for academic success. These strategies help students meet their presentation challenges in and beyond the language classroom.

The Definitive Guide to DAX Oct 04 2021 This comprehensive and authoritative guide will teach you the DAX language for business intelligence, data modeling, and analytics. Leading Microsoft BI consultants Marco Russo and Alberto Ferrari help you master everything from table functions through advanced code and model optimization. You'll learn exactly what happens under the hood when you run a DAX expression, how DAX behaves differently from other languages, and how to use this knowledge to write fast, robust code. If you want to leverage all of DAX's remarkable power and flexibility, this no-compromise "deep dive" is exactly what you need. Perform powerful data analysis with DAX for Microsoft SQL Server Analysis Services, Excel, and Power BI Master core DAX concepts, including calculated columns, measures, and error handling Understand evaluation contexts and the CALCULATE and CALCULATETABLE functions Perform time-based calculations: YTD, MTD, previous year, working days, and more Work with expanded tables, complex functions, and elaborate DAX expressions Perform calculations over hierarchies, including parent/child hierarchies Use DAX to express diverse and unusual relationships Measure DAX query performance with SQL Server Profiler and DAX Studio

The Management Consultant May 11 2022 Guide for professional management consultants showing how to develop skills and attributes for client-centric consulting.

Lecture Ready Second Edition 3: Student Book Apr 21 2023 Lecture Ready 3 prepares students for listening, note taking, and academic discussion through videos of realistic and engaging lectures. Explicit presentation skills prepare students for public speaking, a requirement in today's academic and professional world. Audio and video material is available via Kelburn campus computers to students enrolled in the English Language Proficiency Programme.

Real Communication May 23 2023 Real Communication uses stories from real people and the world around us to present the best and most lively introduction to communication concepts. Professors and students alike have fallen in love with Real Communication's down-to-earth writing style, its coverage of research, and its wealth of learning and teaching tools. They also appreciate how Real Communication strives to weave the discipline's different strands together with the CONNECT feature that shows students how concepts work and apply across interpersonal, small group, and public speaking contexts. The Second Edition is even better with a broader array of engaging examples, new coverage of hot topics in the field like Intercultural and mediated communication, plus a public speaking unit honed to provide the essential information students need for this fast-paced course. Whether you want a traditional paperback, an e-Book — online or downloadable to a device — a looseleaf edition, or the book within the new HumanCommClass, Real Communication has an option for you. Read the preface.

Reinforcement Learning, second edition Dec 30 2023 The significantly expanded and updated new edition of a widely used text on reinforcement learning, one of the most active research areas in artificial intelligence. Reinforcement learning, one of the most active research areas in artificial

intelligence, is a computational approach to learning whereby an agent tries to maximize the total amount of reward it receives while interacting with a complex, uncertain environment. In Reinforcement Learning, Richard Sutton and Andrew Barto provide a clear and simple account of the field's key ideas and algorithms. This second edition has been significantly expanded and updated, presenting new topics and updating coverage of other topics. Like the first edition, this second edition focuses on core online learning algorithms, with the more mathematical material set off in shaded boxes. Part I covers as much of reinforcement learning as possible without going beyond the tabular case for which exact solutions can be found. Many algorithms presented in this part are new to the second edition, including UCB, Expected Sarsa, and Double Learning. Part II extends these ideas to function approximation, with new sections on such topics as artificial neural networks and the Fourier basis, and offers expanded treatment of off-policy learning and policy-gradient methods. Part III has new chapters on reinforcement learning's relationships to psychology and neuroscience, as well as an updated case-studies chapter including AlphaGo and AlphaGo Zero, Atari game playing, and IBM Watson's wagering strategy. The final chapter discusses the future societal impacts of reinforcement learning.

Refactoring May 03 2024 Refactoring is gaining momentum amongst the object oriented programming community. It can transform the internal dynamics of applications and has the capacity to transform bad code into good code. This book offers an introduction to refactoring.

An Introduction to Statistical Learning Dec 06 2021 An Introduction to Statistical Learning provides an accessible overview of the field of statistical learning, an essential toolset for making sense of the vast and complex data sets that have emerged in fields ranging from biology to finance, marketing, and astrophysics in the past twenty years. This book presents some of the most important modeling and prediction techniques, along with relevant applications. Topics include linear regression, classification, resampling methods, shrinkage approaches, tree-based methods, support vector machines, clustering, deep learning, survival analysis, multiple testing, and more. Color graphics and real-world examples are used to illustrate the methods presented. This book is targeted at statisticians and non-statisticians alike, who wish to use cutting-edge statistical learning techniques to analyze their data. Four of the authors co-wrote *An Introduction to Statistical Learning, With Applications in R* (ISLR), which has become a mainstay of undergraduate and graduate classrooms worldwide, as well as an important reference book for data scientists. One of the keys to its success was that each chapter contains a tutorial on implementing the analyses and methods presented in the R scientific computing environment. However, in recent years Python has become a popular language for data science, and there has been increasing demand for a Python-based alternative to ISLR. Hence, this book (ISLP) covers the same materials as ISLR but with labs implemented in Python. These labs will be useful both for Python novices, as well as experienced users.

Let's Talk Level 2 Teacher's Manual 2 with Audio CD Mar 09 2022 Let's Talk Second edition is a speaking and listening course that takes students from a high-beginning to a high-intermediate level. The *Let's Talk 2, Second Edition, Teacher's Manual* has been enhanced and expanded to offer increased support and flexibility. Included are detailed teaching notes, clear learning objectives for every activity, teaching tips, expansion activities, and writing options. Provided as photocopyables in the back of the book are model conversations for discussion support, talking points for additional speaking practice, and a complete assessment program including quizzes and tests. The Audio CD packaged with the *Teacher's Manual* provides all the listening sections for the assessment program.

English in Action Jan 31 2024 Fun, engaging, and action-packed! Students learn better and are more motivated when they can put English into action! The second edition of "English in Action" provides learners with competency-based support for building language, life, and work skills in real world settings. Learners are engaged as workers, family members, and citizens through a communicative, practical, and active approach. "Fun English in Action" is filled with fun and exciting content and activities which motivate students to master the skills presented. "Engaging English in Action" empowers students and promotes learner persistence through dynamic, communicative activities,

helping to build confidence in and out of the classroom. "Action-packed English in Action" encourages learners to communicate and participate in a lively learning process that offers interactive technology options, providing various avenues to learning.

Lecture Ready, Level 2 Jun 04 2024 Prepares students for the demands and expectations of the academic lecture classroom. Each DVD contains film lectures that are the centerpiece of each student book chapter. Targeted listening exercises are available on the audio program.

Multicultural Education Jan 19 2023 The second edition of this source book contains essays and annotations on a number of issues related to multicultural education. The authors define multicultural education as a process-oriented creation of learning experiences that foster an awareness of, respect for, and enjoyment of the diversity of our society and world. Inherent in this definition of multicultural education is a commitment to create a more just and equitable society for all people. This book, then, offers suggestions relevant to the teaching of all children, all teaching and curricular decisions, and every aspect of educational policy.

Content Strategy for the Web Oct 16 2022 FROM CONSTANT CRISIS TO SUSTAINABLE SUCCESS BETTER CONTENT MEANS BETTER BUSINESS. Your content is a mess: the website redesigns didn't help, and the new CMS just made things worse. Or, maybe your content is full of potential: you know new revenue and cost-savings opportunities exist, but you're not sure where to start. How can you realize the value of content while planning for its long-term success? For organizations all over the world, Content Strategy for the Web is the go-to content strategy handbook. Read it to: Understand content strategy and its business value Discover the processes and people behind a successful content strategy Make smarter, achievable decisions about what content to create and how Find out how to build a business case for content strategy With all-new chapters, updated material, case studies, and more, the second edition of Content Strategy for the Web is an essential guide for anyone who works with content.

Strength Training Feb 17 2023 "Suitable for newcomers to strength training, as well as those looking to fine-tune an existing programme, this text provides a range of flexible programme options and exercises using machines, free weights and other apparatus to customise training to suit personal preferences."--Publisher.

Techniques and Principles in Language Teaching Apr 02 2024 This book provides a practical overview of the most important methods in the field. Readers are drawn into classrooms where various teaching methods and approaches are being used. They are encouraged to reflect on their own beliefs and to develop their own approach to language teaching. - Publisher.

Designing Ecommerce Websites Nov 28 2023 Does your ecommerce site attract visitors but fail to convert enough of them into paying customers? Are your sales numbers not where you want? Have you got an ecommerce site but not yet spent any time on improving the design? If it's time to upgrade your website's user experience then Designing Ecommerce Websites is the only book to tell you exactly how to do it. It provides you with 66 guidelines on how to best use every element on each page of an ecommerce website. This book contains the results of a decade's worth of UX design experience, and several years spent consulting with a wide range of different ecommerce startups. It is based on knowledge learned from user behaviour data and running many different usability tests. It tells you what works in reality, not in theory. The book itself was born from teaching the principles in workshops for over four years. These are principles that are useful to a range of job roles (not just designers) and no matter what your experience level. This book will take you step by step through the ecommerce funnel that applies to almost all ecommerce sites via scannable text and simple illustrations. It's a reference book that is designed to be easy to pick up and quickly learn from. Design LANDING pages that stop users from being confused and bouncing; Create LISTINGS that help your users find a product they actually want to buy; Design PRODUCT pages that don't leave the users with any fears about buying from you; Develop a CHECKOUT flow that results in more successful payments; And learn MORE advice about the other key pages on an ecommerce site. This is the second edition of the book and it features completely rewritten and updated advice for 2019, 15 totally

new guidelines, and links to further reading for every guideline (so you can learn even more). The first edition was an Amazon Kindle bestseller in the ecommerce and technology business categories.

The Rust Programming Language (Covers Rust 2018) Sep 02 2021 The official book on the Rust programming language, written by the Rust development team at the Mozilla Foundation, fully updated for Rust 2018. The Rust Programming Language is the official book on Rust: an open source systems programming language that helps you write faster, more reliable software. Rust offers control over low-level details (such as memory usage) in combination with high-level ergonomics, eliminating the hassle traditionally associated with low-level languages. The authors of The Rust Programming Language, members of the Rust Core Team, share their knowledge and experience to show you how to take full advantage of Rust's features--from installation to creating robust and scalable programs.

You'll begin with basics like creating functions, choosing data types, and binding variables and then move on to more advanced concepts, such as: Ownership and borrowing, lifetimes, and traits Using Rust's memory safety guarantees to build fast, safe programs Testing, error handling, and effective refactoring Generics, smart pointers, multithreading, trait objects, and advanced pattern matching Using Cargo, Rust's built-in package manager, to build, test, and document your code and manage dependencies How best to use Rust's advanced compiler with compiler-led programming techniques You'll find plenty of code examples throughout the book, as well as three chapters dedicated to building complete projects to test your learning: a number guessing game, a Rust implementation of a command line tool, and a multithreaded server. New to this edition: An extended section on Rust macros, an expanded chapter on modules, and appendixes on Rust development tools and editions.

Think Python Aug 02 2021 If you want to learn how to program, working with Python is an excellent way to start. This hands-on guide takes you through the language a step at a time, beginning with basic programming concepts before moving on to functions, recursion, data structures, and object-oriented design. This second edition and its supporting code have been updated for Python 3. Through exercises in each chapter, you'll try out programming concepts as you learn them. Think Python is ideal for students at the high school or college level, as well as self-learners, home-schooled students, and professionals who need to learn programming basics. Beginners just getting their feet wet will learn how to start with Python in a browser. Start with the basics, including language syntax and semantics Get a clear definition of each programming concept Learn about values, variables, statements, functions, and data structures in a logical progression Discover how to work with files and databases Understand objects, methods, and object-oriented programming Use debugging techniques to fix syntax, runtime, and semantic errors Explore interface design, data structures, and GUI-based programs through case studies

Integrated Korean Dec 18 2022 Audio files for this volume may be downloaded on the web in MP3 format at <http://www.kleartextbook.com>. A set of CDs is also available for purchase. The Intermediate Level texts and workbooks are the second of a five-level series (Beginning 1 and 2, Intermediate 1 and 2, Advanced Intermediate 1 and 2, and Advanced 1 and 2) developed collaboratively by leading classroom teachers and linguists of Korean. All series volumes have been developed in accordance with performance-based principles and methodology--learner-centeredness, contextualization, use of authentic materials, function/task-orientedness, balance between skill getting and skill using, and integration of speaking, listening, reading, writing, and culture. Grammar points are systematically introduced with simple but adequate explanations and abundant examples, exercises, and drills. Each situation/topic-based lesson of the main texts consists of two or three model dialogues, narration, new words and expressions, pronunciation notes, vocabulary notes, culture, grammar, task/function, and English translation of dialogues. The workbooks provide students with extensive skill-using activities based on the skills learned from the main texts.

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