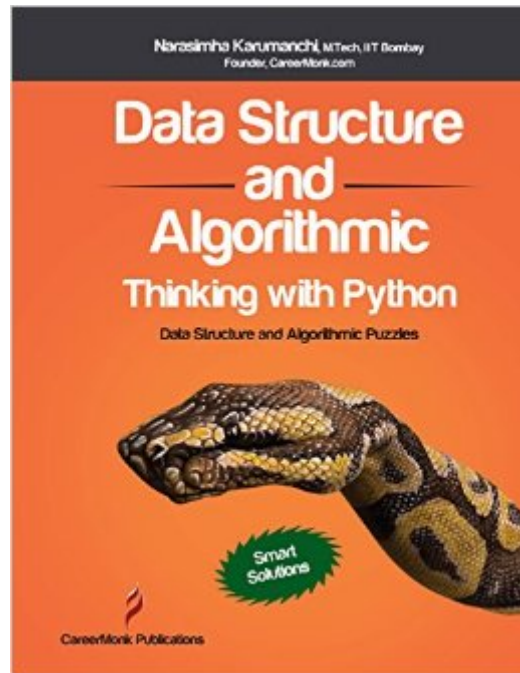


The book was found

# Data Structure And Algorithmic Thinking With Python: Data Structure And Algorithmic Puzzles



## Synopsis

Peeling Data Structures and Algorithms [re-printed on 21-January-2016]: Table of

Contents: [goo.gl/VLEUca](http://goo.gl/VLEUca) Sample Chapter: [goo.gl/8AEcYk](http://goo.gl/8AEcYk) Source

Code: [goo.gl/L8Xxdt](http://goo.gl/L8Xxdt) Errata: [goo.gl/EVftls](http://goo.gl/EVftls) Found

issue? [goo.gl/forms/uLXGYpyuzX](http://goo.gl/forms/uLXGYpyuzX) Videos: [goo.gl/BcHq74](http://goo.gl/BcHq74) The sample chapter should give you a very good idea of the quality and style of our book. In particular, be sure you are comfortable with the level and with our Python coding style. This book focuses on giving solutions for complex problems in data structures and algorithm. It even provides multiple solutions for a single problem, thus familiarizing readers with different possible approaches to the same problem. "Data Structure and Algorithmic Thinking with Python" is designed to give a jump-start to programmers, job hunters and those who are appearing for exams. All the code in this book are written in Python. It contains many programming puzzles that not only encourage analytical thinking, but also prepares readers for interviews. This book, with its focused and practical approach, can help readers quickly pick up the concepts and techniques for developing efficient and effective solutions to problems. Topics

Covered: Organization of chapters Introduction Recursion and Backtracking Linked

Lists Stacks Queues Trees Priority Queue and Heaps Disjoint Sets ADT Graph

Algorithms Sorting Searching Selection Algorithms [Medians] Symbol

Tables Hashing String Algorithms Algorithms Design Techniques Greedy

Algorithms Divide and Conquer Algorithms Dynamic Programming Complexity

Classes Miscellaneous Concepts

## Book Information

Paperback: 476 pages

Publisher: CareerMonk Publications; 1st edition (January 29, 2015)

Language: English

ISBN-10: 8192107590

ISBN-13: 978-8192107592

Product Dimensions: 8.5 x 1.1 x 11 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars See all reviews (66 customer reviews)

Best Sellers Rank: #13,906 in Books (See Top 100 in Books) #3 in Books > Computers &

Technology > Programming > Software Design, Testing & Engineering > Structured Design #5

in Books > Computers & Technology > Programming > Algorithms #6 in Books > Computers &

## Customer Reviews

For the last 7 days, I have been reading (7 to 8 hours a day) this book beginning with preface. I purchased this on another (NOOK) site which has a lower price than .The Chapter ZERO is more of telling about the book and each chapter's content. The core of the book which other books missing is the first chapter. This chapter introduces the time complexities in much simpler way and even a non CS background members can also follow. For example, it nicely presents the  $O(\log n)$  codes with different scenarios. It covers most of the commonly used time/space complexities and different codes so that it makes us to relate when we encounter them in subsequent chapters.This followed by Linked Lists (my most liked chapter along with Trees chapter), Stacks, Queues and Trees covers the base and fundamental data structures. I could not see this kind of presentation in any other books. This is the first time I witnessed the new presentation of data structures in simpler and logical thought provoking way.Followed by these it covers other algorithms like Searching, Sorting, hashing etc..I liked fundamental algorithms than Greedy, D&C, and Dynamic Programming chapters. The Dynamic Programming chapter is usually the complicated concept, but this book covers the problems with recursive approach (missing memorization for many problems). It covers this chapter with coding/programming, interviews in mind and it is not enough for courses and research.From freshers (college grads) to experienced software professionals, everyone will be captivated by this excellent written, well-organized, well illustrated set of questions and answers.

[Download to continue reading...](#)

Data Structure and Algorithmic Thinking with Python: Data Structure and Algorithmic Puzzles  
Python: Python Programming Course: Learn the Crash Course to Learning the Basics of Python  
(Python Programming, Python Programming Course, Python Beginners Course) Data Structures  
and Algorithms Made Easy in Java: Data Structure and Algorithmic Puzzles, Second Edition Data  
Structures and Algorithms Made Easy: Data Structure and Algorithmic Puzzles, Second Edition  
Unsupervised Deep Learning in Python: Master Data Science and Machine Learning with Modern  
Neural Networks written in Python and Theano (Machine Learning in Python) Deep Learning in  
Python Prerequisites: Master Data Science and Machine Learning with Linear Regression and  
Logistic Regression in Python (Machine Learning in Python) Convolutional Neural Networks in  
Python: Master Data Science and Machine Learning with Modern Deep Learning in Python,  
Theano, and TensorFlow (Machine Learning in Python) Deep Learning in Python: Master Data  
Science and Machine Learning with Modern Neural Networks written in Python, Theano, and

TensorFlow (Machine Learning in Python) Maya Python for Games and Film: A Complete Reference for Maya Python and the Maya Python API Deep Learning: Recurrent Neural Networks in Python: LSTM, GRU, and more RNN machine learning architectures in Python and Theano (Machine Learning in Python) Learn Python in One Day and Learn It Well: Python for Beginners with Hands-on Project. The only book you need to start coding in Python immediately Beginning Python Programming: Learn Python Programming in 7 Days: Treading on Python, Book 1 Python: Python Programming For Beginners - The Comprehensive Guide To Python Programming: Computer Programming, Computer Language, Computer Science Python: Python Programming For Beginners - The Comprehensive Guide To Python Programming: Computer Programming, Computer Language, Computer Science (Machine Language) Data Analytics: Practical Data Analysis and Statistical Guide to Transform and Evolve Any Business. Leveraging the Power of Data Analytics, Data ... (Hacking Freedom and Data Driven) (Volume 2) Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data) Python for Everybody: Exploring Data in Python 3 Data Science for Business: What You Need to Know about Data Mining and Data-Analytic Thinking Building Winning Algorithmic Trading Systems, + Website: A Trader's Journey From Data Mining to Monte Carlo Simulation to Live Trading (Wiley Trading) Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data)

[Dmca](#)