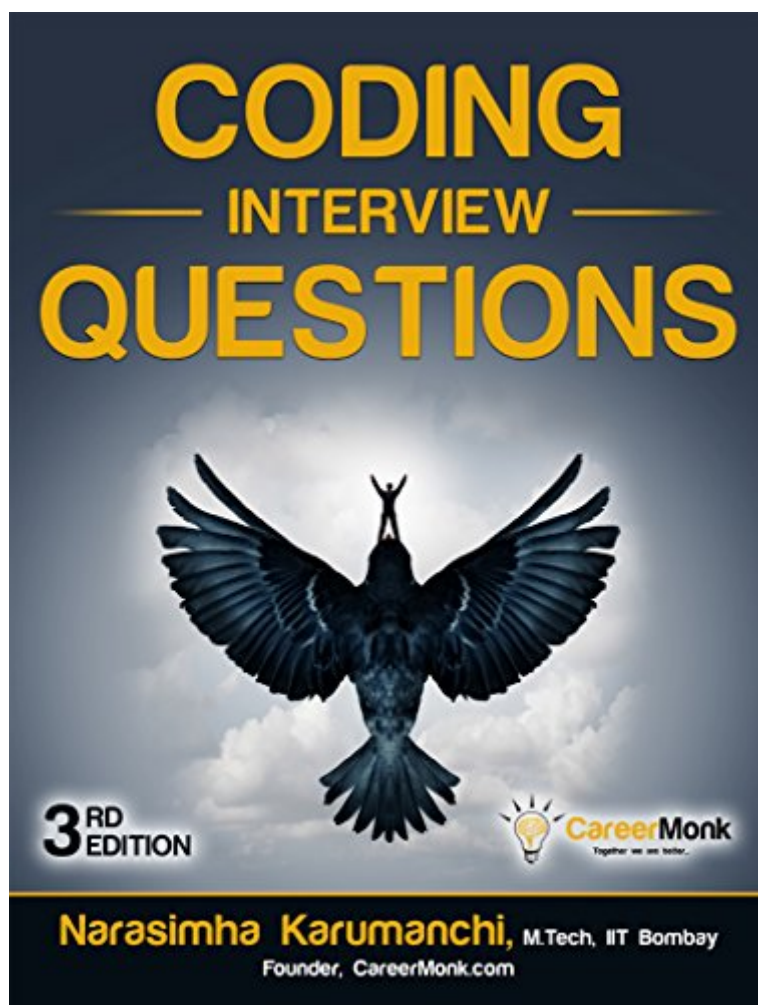


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# Coding Interview Questions



## Synopsis

Table of Contents: [Â Â goo.gl/mhrm75](#) Sample Chapter: [Â Â goo.gl/LOZI2E](#) Found Issue? [Â Â goo.gl/lzK72K](#) Videos: [Â Â goo.gl/BcHq74](#) "Coding Interview Questions" is a book that presents interview questions in simple and straightforward manner with a clear-cut explanation. This book will provide an introduction to the basics. It comes handy as an interview and exam guide for computer scientists. Topics Covered: Programming Basics Introduction Recursion and Backtracking Linked Lists Stacks Queues Trees Priority Queue and Heaps Graph Algorithms Sorting Searching Selection Algorithms [Medians] Symbol Tables Hashing [Â Â String Algorithms](#) [Â Â Algorithms Design Techniques](#) [Â Â Greedy Algorithms](#) [Â Â Divide and Conquer Algorithms](#) [Â Â Dynamic Programming](#) [Â Â Complexity Classes](#) [Â Â Design Interview Questions](#) [Â Â Operating System Concepts](#) [Â Â Computer Networking Basics](#) [Â Â Database Concepts](#) [Â Â Brain Teasers](#) [Â Â Non Technical Help](#) [Â Â Miscellaneous Concepts](#) [Â Â Note: If you already have](#) [Â Â "Data Structures and Algorithms Made Easy"](#) no need to buy this.

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## Customer Reviews

Excellent book! It's full of very useful and practical information.

I like this book. I'm learning a ton from it. The book covers everything we learn in cs courses from beginning till graduation. Explanations are very clear, making this book a lot easier to understand than some of the other programming interview books. I would have given this book 5 stars except for the fact some of the codes in the book are not tested and don't work. It's usually easy to see the mistake made in the code that doesn't work and correct it. I suggest the author should test all the code in the book and publish them, say on github. Without some of the untested codes, this book would hand down be the best coding interview book of all. I definitely suggest you buy the book if you are in doubt. It will pay off a thousand times.

This book is very good. Has solutions ranging from easy to difficult. It also explains concepts very well. Of course, it is not a regular text book. So if you are new to the data structures, this isn't for you. If you have basic idea of data structures, this gives a good refresher and provides lots of questions so that you can improve your skills before the interview. Definitely a book to read to prepare for technical interviews

I would highly recommend this book for prepping for tech interviews. The author styles the chapters similarly to CTCI's (Cracking the coding interview) by introducing a bit of the theory of overview of the topic before diving into the questions. There are typos and grammar mistakes everywhere, but nothing that would present any ambiguity or confusion about the important stuff. The presentations of solutions, the meat of this book, are left intact. The author doesn't just copy paste question-answers from across the web either; often times for a harder problem, there's a progression of solutions from brute-force to the most clever one. Overall, this book has personally helped me tremendously.

great book for CS student :)

This Book cover All the aspects of Algorithms and Data structures. It covers lot of questions ,and would definitely be useful for Interview preparation. The Author has done a great job. I would definitely recommend this book .

This is a big book with lots of tutorial and examples. There is a very consistent format and style, with very predictable progression. For a self published and self edited work, this is a good book. At times, author's English, though correct is not quite American. The technical notation is lucid. The

solutions are in pseudo code and easy to understand. Love it.

I must confess that his book is one of the most awesome ones that anyone who is interested in data structures, algorithms, meta-heuristics, could come across. The book is good for someone looking out on an intermediate to advanced level stuff on aforesaid subject, and its has ample stuff for any newbie enthusiast too. While this book is an excellent one from the interview point of view, it would serve equally well to those who work, and those who love tackling teasers in their past time. The subject is dealt in great detail and problem solving is the primary focus, which I truly loved. It saves you a lot of time to have all kinds of questions aggregated at one place of varying difficulty, rather than having to look for them on internet or elsewhere. The best part about the book is the organization and approach to problems. It is not merely a question and answer book, it instigates you to think about the problem, come up with something and then compare it against what is provided as a solution. The language is lucid and easy to understand and the typical approach towards any problem is to come up with a solution anyhow (say  $O(n^2)$ ) and then going on improving the complexity to  $O(N\log N)$  and then finally to an  $O(N)$ . All the examples are annotated with comments and their space/time complexities. The approach is more of a critical-thinking one, the book helps you build an aptitude towards attacking a problem. While most books give you only the best algorithm towards a problem (and you never get to learn about the bad ones, which is necessary too), this book slowly builds up from just a possible solution to the best possible one. For those who think Levitin, CLRS, Cracking the coding is do-able, try cracking the whole of this!!!!

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