



DATA STRUCTURES AND ALGORITHMS FOR GATE: Data Structure and Algorithmic Puzzles

By Narasimha Karumanchi

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All code was written in C. I am planning to release the same in Java and as of now there is no time bound for this :)

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The main objective of this book is to make people aware of importance of data structures and algorithms.

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And finally if you read as a *student* preparing for competition exams [or any other exam for Computer Science/Information Technology], then the content of this book covers all the required topics in full detail. While writing the book, an intense care has been taken to ensure that the content should help students who are preparing for these kinds of exams.

In all the chapters you will see more importance given to problems and analyzing them instead of concentrating more on theory. For each chapter, first you will see the basic required theory and then problems.

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**DATA STRUCTURES AND ALGORITHMS FOR GATE: Data Structure and Algorithmic Puzzles
By Narasimha Karumanchi Bibliography**

- Sales Rank: #5192324 in Books
- Published on: 2011-03-09
- Original language: English
- Number of items: 1
- Dimensions: 11.00" h x .89" w x 8.50" l, 1.83 pounds
- Binding: Paperback
- 392 pages

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Editorial Review

Review

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From the Author

Objective of this book is to present the ideas for solving data-structure and algorithmic problems. I request to go through the first chapter as it describes when do we (situations) get different complexities like $O(\log n)$, $O(n^2)$, $O(\log \log n)$, $O(n \log n)$, $O(2^n)$ etc.. Once you understand them, remaining chapters looks easy as we refer these complexities at every place.

Also, give one complete reading of the book before trying compiling (at places we skipped boundary conditions).

From the Back Cover

Key features of book for:

- All code written and tested in C
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- Campus Preparation
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- Instructor's
- GATE Preparation
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