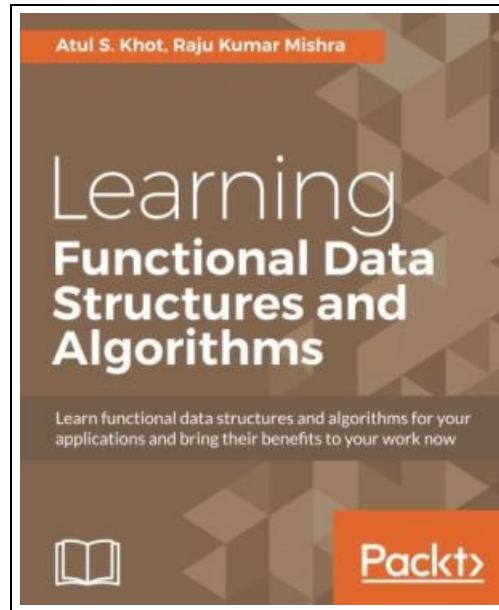# Learning Functional Data Structures and Algorithms (Paperback)

Filesize: 8.52 MB

Reviews

This pdf is fantastic. It really is basic but shocks inside the 50 % in the pdf. I realized this pdf from my i and dad encouraged this pdf to discover.
(Hunter Witting)

LEARNING FUNCTIONAL DATA STRUCTURES AND ALGORITHMS (PAPERBACK)

Packt Publishing Limited, United Kingdom, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Learn functional data structures and algorithms for your applications and bring their benefits to your work now About This Book * Moving from object-oriented programming to functional programming? This book will help you get started with functional programming. * Easy-to-understand explanations of practical topics will help you get started with functional data structures. * Illustrative diagrams to explain the algorithms in detail. * Get hands-on practice of Scala to get the most out of functional programming. Who This Book Is For This book is for those who have some experience in functional programming languages. The data structures in this book are primarily written in Scala, however implementing the algorithms in other functional languages should be straight forward. What You Will Learn * Learn to think in the functional paradigm * Understand common data structures and the associated algorithms, as well as the context in which they are commonly used * Take a look at the runtime and space complexities with the O notation * See how ADTs are implemented in a functional setting * Explore the basic theme of immutability and persistent data structures * Find out how the internal algorithms are redesigned to exploit structural sharing, so that the persistent data structures perform well, avoiding needless copying. * Get to know functional features like lazy evaluation and recursion used to implement efficient algorithms * Gain Scala best practices and idioms In Detail Functional data structures have the power to improve the codebase of an application and improve efficiency. With the advent of functional programming and with powerful functional languages such as Scala, Clojure and Elixir becoming part of important enterprise applications, functional data structures have gained an important place...

Read Learning Functional Data Structures and Algorithms (Paperback) Online

Download PDF Learning Functional Data Structures and Algorithms (Paperback)

Other PDFs

Comic Maths: Sue: Fantasy-Based Learning for 4, 5 and 6 Year Olds

The Captain Papadopoulos Publishing Company, United Kingdom, 2012. Paperback. Book Condition: New. Brian Williamson (illustrator). 276 x 214 mm. Language: English . Brand New Book ***** Print on Demand *****.Comic Maths: Sue (Key Stage 1,...

Save Document

»

Write Better Stories and Essays: Topics and Techniques to Improve Writing Skills for Students in Grades 6 - 8: Common Core State Standards Aligned

Createspace Independent Publishing Platform, United States, 2012. Paperback. Book Condition: New. 277 x 211 mm. Language: English . Brand New Book ***** Print on Demand *****.Mr. George Smith, a children s book author, has been...

Save Document

»

The Java Tutorial (3rd Edition)

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book...

Save Document

»

ESV Study Bible, Large Print (Hardback)

CROSSWAY BOOKS, United States, 2014. Hardback. Book Condition: New. Large Print. 249 x 178 mm. Language: English . Brand New Book. The ESV Study Bible, Large Print edition transforms the content of the award-winning ESV...

Save Document

»

ESV Study Bible, Large Print

CROSSWAY BOOKS, United States, 2014. Leather / fine binding. Book Condition: New. Large Print. 257 x 190 mm. Language: English . Brand New Book. The ESV Study Bible, Large Print edition transforms the content of...

Save Document

»