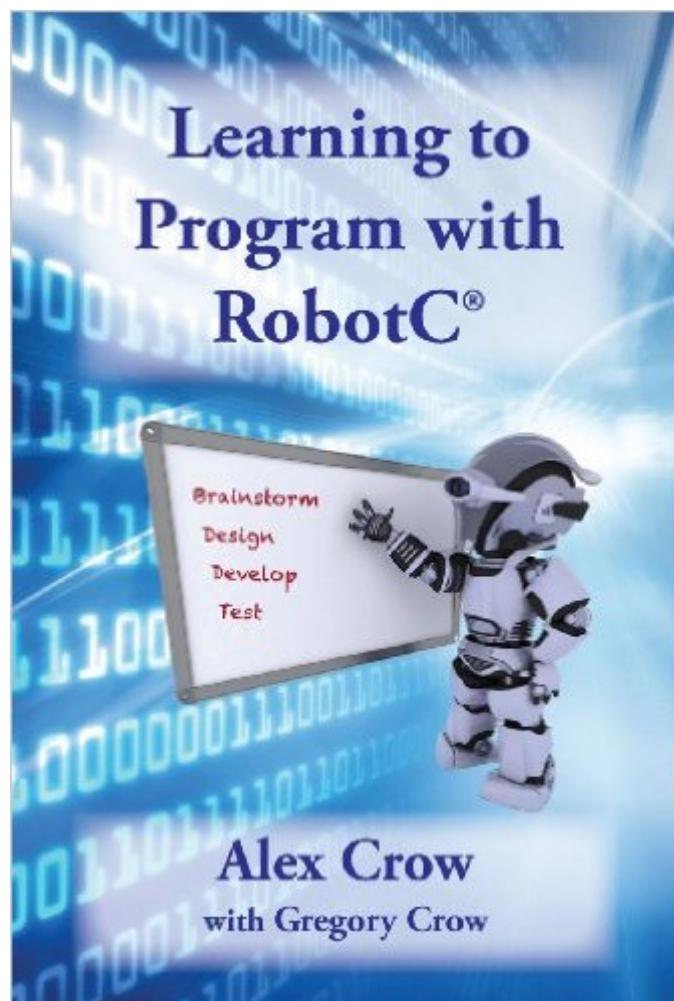


The book was found

Learning To Program With Robotc



Synopsis

"Learning to Program with RobotC" is by a kid-for other kids! It shows you how to start programming, and provides easy-to-use code samples that work with real robots. More than that it helps young programmers learn principles of software design, which promote teamwork, creativity, and success. Get a jump-start on robotics with this quick and easy guidebook.

Book Information

Paperback: 70 pages

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Average Customer Review: 3.8 out of 5 starsÂ See all reviewsÂ (16 customer reviews)

Best Sellers Rank: #146,175 in Books (See Top 100 in Books) #54 inÂ Books > Children's Books > Computers & Technology > Programming

Customer Reviews

Let me start by saying that I am very impressed that Alex Crow wrote this tech report at 15 years old. It is better than the senior project reports I've seen from some undergraduate engineering students. But, at the end of the day, it is just a tech report...and a flawed one at that. I purchased this book because I realize that, as someone who has been a practicing computer engineer for several decades, I don't always recognize the things I take for granted that the members of the VEX robotics team I am mentoring don't know. I thought that a book written by a student participant in a high school robotics competition might give me some insight into things I should address with our team. Sadly, this book doesn't do that. This book also doesn't do what the title and the description say it does. A person will not learn to program with RobotC using this book. In fact, in the introduction, Alex states that "We developed this book as an introduction to the whole process, so it is not really a detailed programming tutorial. There are other resources kids can use to learn about the features of RobotC, for example." So, what does this book cover? After the three page introduction (and some extraneous blank pages...that you ARE paying for), Alex spends the next 18 pages defining and describing the Software Development Lifecycle. Now, as a certified software engineer, I can appreciate the value of a good software engineering process, but the waterfall

lifecycle and the formal steps (like design reviews with the customer) described in the book only makes sense if you are working in the defense or aerospace industries. A robotics team (and most startups) will use an agile development process - which is not what is discussed in this section.

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