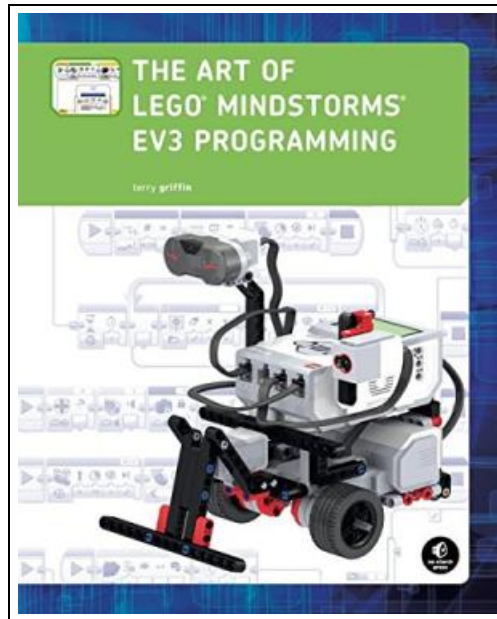# The Art of LEGO Mindstorms EV3 Programming

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Reviews

Basically no words and phrases to describe. It is really simplified but unexpected situations in the fifty percent of your book. I am delighted to let you know that here is the very best publication i have got go through within my very own lifestyle and might be he greatest publication for actually.

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THE ART OF LEGO MINDSTORMS EV3 PROGRAMMING

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No Starch Press,US, United States, 2014. Paperback. Book Condition: New. 250 x 200 mm. Language: English . Brand New Book. With its colorful, block-based interface, The LEGO(R) MINDSTORMS(R) EV3 programming language is designed to allow anyone to program intelligent robots, but its powerful features can be intimidating at first. The Art of LEGO MINDSTORMS EV3 Programming is a full-color, beginner-friendly guide designed to bridge that gap. Inside, you ll discover how to combine core EV3 elements like blocks, data wires, files, and variables to create sophisticated programs. You ll also learn good programming practices, memory management, and helpful debugging strategies - general skills that will be relevant to programming in any language. All of the book s programs work with one general-purpose test robot that you ll build early on. As you follow along, you ll program your robot to: React to different environments and respond to commands Follow a wall to navigate a maze Display drawings that you input with dials, sensors, and data wires on the EV3 screen Play a Simon Says-style game that uses arrays to save your high score Follow a line using a PID-type controller like the ones in real industrial systems The Art of LEGO MINDSTORMS EV3 Programming covers both the Home and Education Editions of the EV3 set, making it perfect for kids, parents, and teachers alike. Whether your robotics lab is the living room or the classroom, this is the complete guide to EV3 programming that you ve been waiting for. Requirements: One LEGO MINDSTORMS EV3 Home OR Education set (#31313 OR #45544).

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