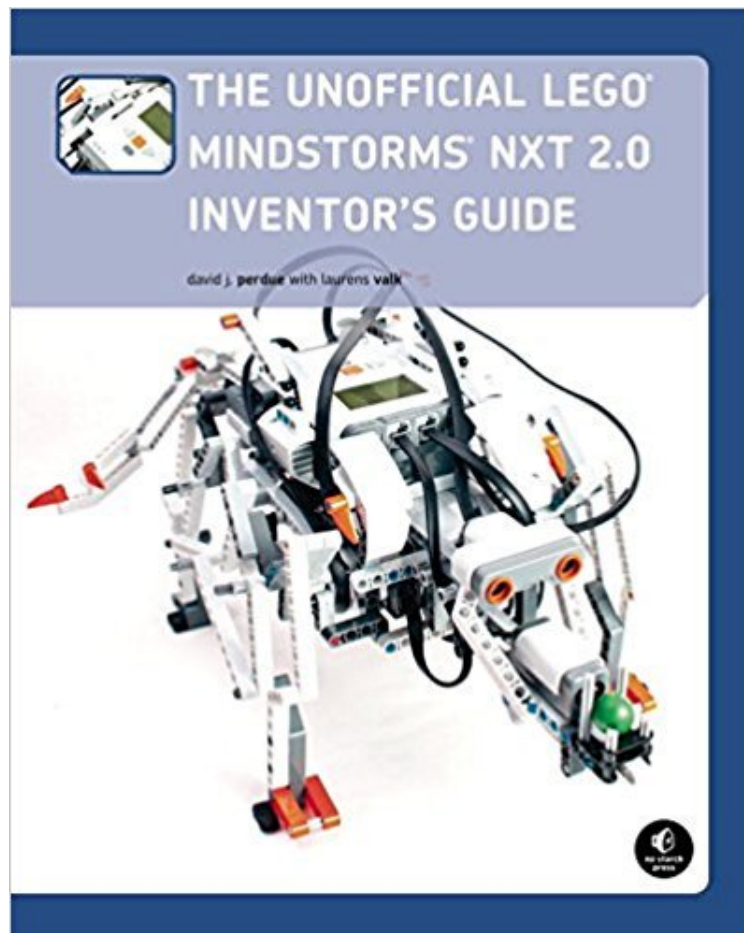


(Ebook free) The Unofficial LEGO MINDSTORMS NXT 2.0 Inventor's Guide

The Unofficial LEGO MINDSTORMS NXT 2.0 Inventor's Guide

David J. Perdue, Laurens Valk

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David J. Perdue, Laurens Valk : The Unofficial LEGO MINDSTORMS NXT 2.0 Inventor's Guide before purchasing it in order to gauge whether or not it would be worth my time, and all praised The Unofficial LEGO MINDSTORMS NXT 2.0 Inventor's Guide:

2 of 2 people found the following review helpful. Update from original book that was for NXT 1.0 By B. Brierly My grandson and I have been using the original book in our weekly SKYPE robotics class. The projects were more difficult for him because he has the NXT 2.0 set that doesn't contain all of the parts required for projects in the original book. Now that the new updated book is out for the NXT 2.0 we will switch those projects for our robotics class. He lives in Florida so we have to SKYPE to have the class. We both build the projects and discuss them as we go along. Being more experienced with Lego Mindstorms NXT, I am able to help him through difficulties in construction and programming. I originally purchased the Mindstorms NXT 2.0 set as a gift to get him interested in robotics and now he

says he thinks he wants to become a robotics engineer on land or in space. The Lego system helps develop eye and hand coordination and thinking skills to work through the programming. We use the NXT-G programming but I plan to take him into NXC programming in a year or two. I recommend rebuying the book in the 2.0 version. 2 of 2 people found the following review helpful. Great Guide By Julie Smith I got this book for my 6 year old "NXT crazy" son for Christmas 2012. He just loves designing new things with his NXT and gets heaps of ideas from YouTube. We've found that Lego's NXT website is a bit limited and this book covers so much of the basics and it's great to have so much information in one book. I was pleasantly surprised when I received the book as it's jam packed and more than I expected! 0 of 0 people found the following review helpful. Five Stars By Kathy Johnson Great book and good projects.

The LEGO MINDSTORMS NXT 2.0 set offers hundreds of building elements, programming software, and powerful electronics that you can use to create amazing robots. But where do you begin? This eagerly awaited second edition of the bestselling Unofficial LEGO MINDSTORMS NXT Inventor's Guide is your key to designing, building, and programming robots with the NXT 2.0 set. You'll learn practical building techniques, like how to build sturdy structures and use gears, and gain a solid understanding of the set's NXT-G programming language. A series of projects new to this edition offers step-by-step instructions for building and programming six robots, each of which can be built with just one NXT 2.0 set, including: Inventor-Bot, a fast, simple, modular vehicle with treads Sentry-Bot, a robot guard that shoots balls at intruders Table-Bot, a vehicle that uses its antennae to avoid falling off a tabletop The Jeep, a four-wheeled vehicle that avoids obstacles and follows lines The Lizard, a large walking robot that uses the color sensor to detect and respond to different colored balls The Printer, a stationary robot that uses a pen or marker to draw letters, words, and shapes on paper Additional resources include the Piece Library, which contains basic information on the more than 80 types of LEGO pieces in the NXT 2.0 set, and the Quick Reference, which lists the 34 types of standard programming blocks. So go ahead. Grab your NXT 2.0 set, fire up your imagination, and see what you can invent with The Unofficial LEGO MINDSTORMS NXT 2.0 Inventor's Guide.

"The Unofficial LEGO Mindstorms NXT 2.0 Inventor's Guide is a great companion book to the NXT 2.0 set and helps amateur roboticists learn more about both the NXT-G programming environment and robotics in general." TechRepublic About the Author David J. Perdue (<https://www.davidjperdue.com/>) has been inventing robots with MINDSTORMS since 2001. The author of *Competitive MINDSTORMS: A Complete Guide to Robotic Sumo Using LEGO MINDSTORMS* (Apress, 2004), he has also written for *BrickJournal* and *Computing Unplugged*. Perdue is an implementation delivery engineer for EMC, an information infrastructure provider. He lives in St. Paul, Minnesota.