



# Robot Building for Beginners, 2nd Edition (Technology in Action)

*David Cook*

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“I wrote this book because I love building robots. I want you to love building robots, too. It took me a while to learn about many of the tools and parts in amateur robotics. Perhaps by writing about my experiences, I can give you a head start.” —**David Cook**

*Robot Building for Beginners, Second Edition* is an update of **David Cook’s** best-selling *Robot Building for Beginners*. This book continues its aim at teenagers and adults who have an avid interest in science and dream of building household explorers. No formal engineering education is assumed.

The robot described and built in this book is battery powered and about the size of a lunchbox. It is autonomous. That is, it isn’t remote controlled.

You’ll begin with some tools of the trade, and then work your way through prototyping, robot bodybuilding, and eventually soldering your own circuit boards. By the book’s end, you will have a solid amateur base of understanding so that you can begin creating your own robots to vacuum your house or maybe even rule the world!

## What you’ll learn

- How to build a robot from scratch
- Where to obtain parts and tools to get you started
- How to build the brain—the intelligence—using the motherboard
- How to create the body and become a Dr. Frankenstein
- How to get your robot moving and ruling

## Who this book is for

This book is aimed at teenagers and adults who have an avid interest in science and dream of building household explorers. No formal engineering education is assumed.

## Table of Contents

1. Welcome Robot Inventor!
2. Where to Obtain Tools and Parts
3. Safety
4. Digital Multimeter
5. Numbers and Units
6. Robot Line-Following
7. Nine-Volt Batteries
8. Clips and Test Leads

9. Resistors
10. LEDs
11. Power On!
12. Solderless Prototyping
13. Solderless Breadboard Setup
14. Variable Resistors
15. Comparators
16. Transistor Switches
17. DC Motors
18. Adding Gearhead Motors
19. Wheels
20. Coupler
21. Soldering Equipment
22. Soldering and Connecting
23. The Motherboard
24. Body Building
25. Launching the Line-Follower
26. Encore
27. Appendix

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