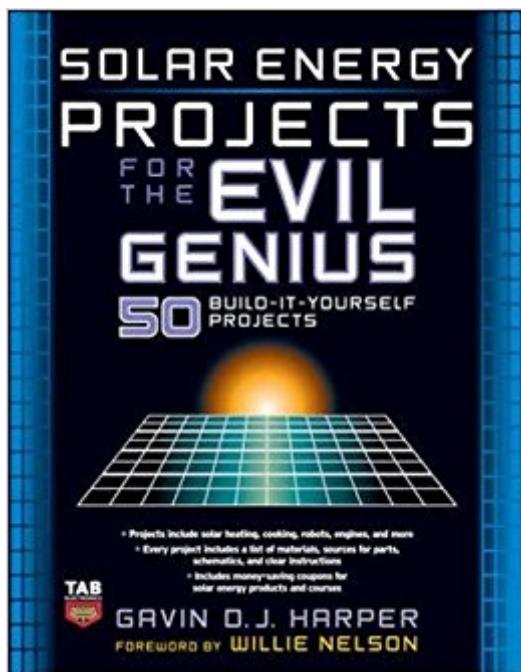


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# Solar Energy Projects For The Evil Genius



## Synopsis

FOLLOW THE SUN TO MORE EVIL FUN! Let the sun shine on your evil side - and have a wicked amount of fun on your way to becoming a solar energy master! In this guide, the popular Evil Genius format ramps up your understanding of powerful, important, and environmentally friendly solar energy - and shows you how to build real, practical solar energy projects you can use in your home, yard - even on the road! In Solar Energy Projects for the Evil Genius, high-tech guru Gavin Harper gives you everything you need to build more than 50 thrilling solar energy projects. You'll find complete, easy-to-follow plans, with clear diagrams and schematics, so you know exactly what's involved before you begin. Illustrated instructions and plans for 30 amazing pretested solar energy projects that assume no prior experience with energy science Explanations of the science and math behind each project Projects that progress in difficulty - from simple ones that may inspire science fair entries - all the way to converting a real home to solar energy Frustration-factor removal-needed parts are listed, along with sources-plus all the tools you'll need Solar Energy Projects for the Evil Genius provides you with complete plans, instructions, parts lists, and sources for: Crushed berries solar cell Solar "death ray" Solar powered hot dog cooker Solar furnace Sun-powered refrigerator Camping shower, oven, and more Hot recipes for solar cooking Water purifier Flashlight Garden lights Solar vehicle Environmentally friendly robot Much more!

## Book Information

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## Customer Reviews

Gavin D. J. Harper is the author of 50 Awesome Auto Projects for the Evil Genius, Build Your Own Car PC, and Solar Energy Projects for the Evil Genius (all from McGraw-Hill), and has had work mentioned in the journal Science. Harper holds a BSc. (Hons) Technology from the Open University, has completed an MSc. Architecture: Advanced Environmental & Energy Studies, and is currently undertaking further Postgraduate study with the Centre for Renewable Energy Systems Technology, Loughborough University.

If this book included instructions on how to actually build the projects it discusses, it would be worth buying. As it is, there are only some vague guidelines and not-very-useful sketches. If you want to build any of these projects, you would in almost every case, be much better off using a search engine to find a page online that actually tells you how; It's free, and you're more likely to get detailed information. The only reason I give this book more than 1 star is that there are at least a couple of projects that I haven't encountered online--so it seems to be at least somewhat original.

I have been a solar electric and solar hot water installer for 3 years. I can design and install a system with ease and confidence, but the projects in this book increased my understanding to a whole new level. It was like learning about solar from the inside out. I always enjoy it when I can learn about something I know well from a different angle. Some of my friends bought the book for themselves after thumbing through my copy. I recommend this book for anyone who likes to have a hands on approach to solar in many different areas.

I was disappointed in this book. It's hard to tell who the book is aimed at - an electronics buff or a middle school science teacher. There is almost enough information to complete many of the simpler projects, but not enough to tackle the more interesting ones. And some of the projects have no directions at all! I would buy this book if I wanted to get inspired and play around with some simple projects, but if I were interested in constructing a photovoltaic system or a solar hot water heater, I would find another book. The book, Green Energy Projects for the Evil Genius, has more complete directions for more interesting solar projects than this book.

It's like nobody edited this book. And even a pimply nerd isn't going to equate making sugar crystals and making silicon crystals. The instructions for the most interesting projects were not nearly complete enough to ensure success - and were sometimes just missing supplies and instructions. Dumb - waste of money even at \$3.

Meh. Some of the projects advertised on the back cover never materialized inside the book. Maybe I should try a book on solar projects for grown ups BY a grown up! And a forward by Willie Nelson? Really? Besides being a pot head & tax dodger, is he now an expert on solar energy? I didn't think so:(

I felt some instructions were a little vague but otherwise a great starter and after all this is the age of the internet so if things are unclear then you can go to Make.com Instructables.com Wikihow.com etc. This is not a definitive book on solar power so please don't try to use it as such.

This is a fun book for people who like to stimulate their brains and do fun things. Most of the projects can be completed without additional help, except maybe the money to purchase the hardware. All projects are well described and well illustrated with photographs. Naturally the reader will probably use various ideas to construct inventions of their own design. I especially recommend this book to teenagers who are imagination driven. But, heck, I'm 70 and I like it too.

I purchased this Book as a gift for my father. He loves to build things, and I thought introducing him to the wave of the future in engineering through "Solar Energy Projects for the Evil Genius" would be a fun way to learn something new. I was right. He loved it. I skimmed through the book, and it has detailed instructions, pictures, and tons of really great and practical ideas and projects...combined with some slightly rebellious ones. It truly is an original book and a lot of fun..Highly recommended for those that like to create and build.

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