

The Official Robosapien Hackers Guide

The Official Robosapien Hacker's Guide
The Robosapien Companion
The Best of Make: Take This Stuff and Hack It!
LEGO MINDSTORMS NXT Hacker's Guide
Popular Science
PSP Hacks, Mods, and Expansions
Nuts & Volts
The Robosapien Companion
Popular Science
25 Home Automation Projects for the Evil Genius
The New York Times Magazine
American Book Publishing Record
PSP Hacks, Mods, and Expansions
Hacking Roomba
Experiments with EPROMS
101 Outer Space Projects for the Evil Genius
The Hacker and the Ants
Breaking and Entering
The Hardware Hacker
Dave Prochnow James Samans Mark Frauenfelder Dave Prochnow Dave Prochnow Dave Prochnow James Samans Jerri Ledford Dave Prochnow Tod E. Kurt Dave Prochnow Dave Prochnow Rudy Rucker Jeremy N. Smith Andrew Bunnie Huang
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covers all the possible design additions programming possibilities and hacks not found anywhere else a gun and inexpensive insider's guide to one of the most popular toys of this past holiday season

you'll love the robosapien companion tips tricks and hacks whether you're a robotics expert or beginner and whether you own a robosapien or not you'll learn about the workings and theory of this fun robot an owner of several robosapiens himself author jamie samans covers everything from basics like diagnosing and testing your new robosapien to advanced topics like hacking and modifications he thoroughly covers what he calls the curiosity and creativity of this famous bot the book functions as both a practical user guide and an interesting read about the theory behind the machine beam robotics beam stands for biology electronics aesthetics and mechanics you'll learn about robo's 67 unique functions and get the full scoop on the line of robosapiens the robopet the roboraptor and the bipedal robosapien v2 by the book's end you'll come to master your v1 or become fully prepared for the exciting upgrades included in v2

after two years make has become one of most celebrated new magazines to hit the newsstands and certainly one of the hottest reads if you're just catching on to the make

phenomenon and wonder what you've missed this book contains the best diy projects from the magazine's first ten volumes a surefire collection of fun and challenging activities going back to make's launch in early 2005 find out why make has attracted a passionate following of tech and diy enthusiasts worldwide with one million web site visitors and a quarter of a million magazine readers and why our podcasts consistently rank in the top 25 for computers and technology with the best of make you'll share the curiosity zeal and energy of makers the citizen scientists circuit benders homemakers students automotive enthusiasts roboticists software developers musicians hackers hobbyists and crafters through this unique and inspiring assortment of diy projects chosen by the magazine's editors learn to hack your gadgets and toys program microcontrollers to sense and react to things take flight with rockets planes and other projectiles make music from the most surprising of things find new ways to take photos and make video outfit yourself with the coolest tools put together by popular demand the best of make is the perfect gift for any maker including current subscribers who missed early volumes of the magazine do you or someone you know have a passion for the magic of tinkering hacking and creation do you enjoy finding imaginative and unexpected uses for the technology and materials in your life then get on board with the best of make

this guide shows how 30 common household items can be hacked and tweaked into products totally different than what the manufacturer intended garage and basement tinkerers will get fully illustrated coverage of which products are hackable how to hack them and how to convert them into some unique fun stuff

more powerful and intuitive than ever lego mindstorms nxt is a new robotics toolset that enables you to build and program all kinds of projects the lego mindstorms nxt hackers guide explores this new generation of lego mindstorms providing in a collection of projects how to expertise insider tips and over 500 illustrations to help you become an expert nxt hacker back cover

popular science gives our readers the information and tools to improve their technology and their world the core belief that popular science and our readers share the future is going to be better and science and technology are the driving forces that will help make it better

the popular sony playstation portable psp is the most advanced handheld video game system on the market today capable of doing much more than most owners realize this book is required reading for those of you who want to tinker under the hood and discover the full capabilities and hidden features and functions of psp you will be able to easily convert and customize your gaming device into a versatile digital companion that allows you to view movies and pictures listen to music browse the web increase memory customize your favorite games upgrade psp hardware and software integrate the ipod into the psp world use any memory stick with the psp listen to mp3s and watch movie videos from the psp the companion website will contain sample pspcasts and movies as well as the entire book in special psp compatible format so that it can be viewed from the device

dr mark tilden the inventor of robosapien has provided the author with exclusive access to the robosapien v2 program provides access to the 20 plus easter eggs the hidden secrets programmed into robosapien over 2 million robosapiens have sold since 2004

computer technology has caught up with home automation and it s now easy and inexpensive to automate everything in a house including lighting security appliances entertainment and environmental conditions and here s how to do it this well illustrated resource offers 25 complete home automation projects that require only basic household tools and the instructions found within its pages publisher

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the jetsons would be proud a gizmo as cool as roomba just begs to be hacked now with this book and the official roi specification furnished by irobot you can become the robotic engineer you ve always dreamed of being build a bluetooth interface for your roomba turn it into an artist install linux on it and give it a new brain some hacks are functional others are purely fun all of them let you play with robotics and not one will void your warranty build a serial interface tether set up a bluetooth interface drive roomba play with sensors make it sing create a roomba artist use your roomba as a mouse connect roomba to the net wi fi your roomba replace roomba s brain install roomba cam put linux on roomba features a companion site all this and it will still clean your floor get the official irobot roomba open interface roi specification and all code presented in the book in ready to run form at wiley com go extremetech

provides both a detailed explanation of underlying theory plus 15 different projects including programmers erasers and eprom based circuits to give home electronics robotics and computer experimenters hands on understanding of how these versatile devices work

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planetarium read celestial maps of heavenly bodies create a mars rover to explore your home design your own international space station

jerzy rugby is alone in the real world recently separated from his wife and kids but thankfully he still has his job as a computer programmer blissfully hacking away in the cyberworld aiding the gomotion corporation in its noble quest to create intelligent robots then one day an ant gets into his computer then into study his personal robot then millions and millions of the nasty viral pests invade satellite television infecting television broadcasts with digitized ants authorities trace the virus back to its source finding a dead dog a cut cable and a bloody robot stuffed into the trunk of jerzy s car is jerzy rugby the callous virtual criminal the media brands him or is he just a set up patsy for a larger conspiracy jerzy must now get to the bottom of the insectile plague before the insanity of his virtual nightmare becomes reality book jacket

this taut true thriller dives into a dark world that touches us all as seen through the brilliant breakneck career of an extraordinary hacker a woman known only as alien when she arrived at mit in the 1990s alien was quickly drawn to the school s tradition of high risk physical trespassing the original hacking within a year one of her hallmates was dead and two others were arraigned alien s adventures were only just beginning after a stint at the storied secretive los alamos national laboratory alien was recruited by a top cybersecurity firm where she deployed her cache of virtual weapons and the trespassing and social engineering talents she had developed while hacking at mit the company tested its clients security by every means possible not just coding but donning disguises and sneaking past guards and secretaries into the c suite alien now runs a boutique hacking outfit that caters to some of the world s biggest and most vulnerable institutions banks retailers government agencies her work combines devilish charm old school deception and next generation spycraft in breaking and entering cybersecurity finally gets the rich character driven fast paced treatment it deserves

for over a decade andrew bunnie huang one of the world s most esteemed hackers has shaped the fields of hacking and hardware from his cult classic book hacking the xbox to the open source laptop novena and his mentorship of various hardware startups and developers in the hardware hacker huang shares his experiences in manufacturing and open hardware creating an illuminating and compelling career retrospective huang s journey starts with his first visit to the staggering electronics markets in shenzhen with booths overflowing with capacitors memory chips voltmeters and possibility he shares how he navigated the overwhelming world of chinese factories to bring chumby novena and chibitronics to life covering everything from creating a bill of materials to choosing the factory to best fit his needs through this collection of personal essays and interviews on topics ranging from the legality of reverse engineering to a comparison of intellectual property practices between china and the united states bunnie weaves engineering law and society into the tapestry of open hardware with highly detailed passages on the ins and outs of manufacturing and a comprehensive take on the issues associated with open source hardware the hardware hacker is an invaluable resource for

aspiring hackers and makers

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