

## Lego Instructions Lego Instructions Database

LEGO® Minifigures don't play around when it comes to matters of the heart! We Just Click is a sweet and humorous look at love within the zany LEGO universe. Fifty pairs of iconic Minifigures answer the timeless question: "I knew we clicked when . . . ," sharing heartwarming moments of romance, friendship, and love. We Just Click features a different diverse relationship on each spread. Highlights what our favorite Minifigures love about each other with delightful, punny humor Has a little something for the LEGO lover in each of us We Just Click is a lighthearted, humorous exploration of love within the LEGO universe, in all of its forms. It's almost as if Minifigures were made to fit together. Features a diverse range of relationships and representation of love Perfect lighthearted gift for friends, parents, and children—celebrates love in all its forms Great for nostalgic LEGO lovers, newfound fans, and those who loved The LEGO Movie Add it to the shelf with books like I Lego N.Y. by Christoph Niemann, A Lovely Love Story by Edward Monkton, and Unlikely Loves: 43 Heartwarming True Stories from the Animal Kingdom by Jennifer S. Holland.

Beginning LEGO MINDSTORMS EV3 shows you how to create new fun and fantastic creations with the new EV3 programmable brick along with other new EV3 pieces and features. You'll learn the language of the EV3 brick, and then go on to create a variety of programmable vehicles using MINDSTORMS and Technic parts. You'll then move

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into creating robot parts, including robotic arms. You'll even learn how to make different types of MINDSTORMS walkers. Finally, you'll learn how to incorporate light and sound into your amazing EV3 creations. Whether you're a MINDSTORMS enthusiast wanting to know more about EV3, a robotics competitor, or just a LEGO fan who wants to learn all about what EV3 can do, Beginning LEGO MINDSTORMS EV3 will give you the knowledge you need. Note: the printed book is in black and white. The Kindle and ebook versions are in color (black and white on black and white Kindles). What you'll learn

How to program the new EV3 brick  
The different components new to the EV3 system  
How to program the EV3 with LabView  
How to build fantastic robotic creations  
How to incorporate Technic creations into MINDSTORMS  
Who this book is for

MINDSTORMS and robotics enthusiasts who want to learn about EV3, and people who are completely new to MINDSTORMS and want a thorough and fun introduction.

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Learn effective and scalable database design techniques in a SQL Server 2016 and higher environment. This book is revised to cover in-memory online transaction processing, temporal data storage, row-level security, durability enhancements, and other design-related features that are new or changed in SQL Server 2016. Designing

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an effective and scalable database using SQL Server is a task requiring skills that have been around for forty years coupled with technology that is constantly changing. Pro SQL Server Relational Database Design and Implementation covers everything from design logic that business users will understand, all the way to the physical implementation of design in a SQL Server database. Grounded in best practices and a solid understanding of the underlying theory, Louis Davidson shows how to "get it right" in SQL Server database design and lay a solid groundwork for the future use of valuable business data. The pace of change in relational database management systems has been tremendous these past few years. Whereas in the past it was enough to think about optimizing data residing on spinning hard drives, today one also must consider solid-state storage as well as data that are constantly held in memory and never written to disk at all except as a backup. Furthermore, there is a trend toward hybrid cloud and on-premise database configurations as well a move toward preconfigured appliances. Pro SQL Server Relational Database Design and Implementation guides in the understanding of these massive changes and in their application toward sound database design. Gives a solid foundation in best practices and relational theory Covers the latest implementation features in SQL Server 2016 Helps you master in-memory OLTP and use it effectively Takes you from conceptual design to an effective, physical implementation What You Will Learn Develop conceptual models of client data using interviews and client documentation Recognize

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and apply common database design patterns Normalize data models to enhance scalability and the long term use of valuable data Translate conceptual models into high-performing SQL Server databases Secure and protect data integrity as part of meeting regulatory requirements Create effective indexing to speed query performance Who This Book Is For Programmers and database administrators of all types who want to use SQL Server to store data. The book is especially useful to those wanting to learn the very latest design features in SQL Server 2016, features that include an improved approach to in-memory OLTP, durability enhancements, temporal data support, and more. Chapters on fundamental concepts, the language of database modeling, SQL implementation, and of course, the normalization process, lay a solid groundwork for readers who are just entering the field of database design. More advanced chapters serve the seasoned veteran by tackling the very latest in physical implementation features that SQL Server has to offer. The book has been carefully revised to cover all the design-related features that are new in SQL Server 2016.

How profound is a little plastic building block? It turns out the answer is “very”! 22 chapters explore philosophy through the world of LEGO which encompasses the iconic brick itself as well as the animated televisions shows, feature films, a vibrant adult fan base with over a dozen yearly conventions, an educational robotics program, an award winning series of videogames, hundreds of books, magazines, and comics, a team-building workshop program for businesses and much, much more. Dives into the many

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philosophical ideas raised by LEGO bricks and the global multimedia phenomenon they have created Tackles metaphysical, logical, moral, and conceptual issues in a series of fascinating and stimulating essays Introduces key areas of philosophy through topics such as creativity and play, conformity and autonomy, consumption and culture, authenticity and identity, architecture, mathematics, intellectual property, business and environmental ethics Written by a global group of esteemed philosophers and LEGO fans A lively philosophical discussion of bricks, minifigures, and the LEGO world that will appeal to LEGO fans and armchair philosophers alike

Provides instructions for building replicas of firearms, including a desert eagle, jungle carbine, and an AKS-74U.

Come explore an incredible LEGO® universe in LEGO Space: Building the Future. Spaceships, orbital outposts, and new worlds come to life in this unique vision of the future, built completely from LEGO bricks. A selection of step-by-step building instructions will have you constructing your own cosmic creations to play with at home. Marvel at interstellar battlecruisers, space pirates, charming robots, and other stunning builds from an amazing future!

From New York's Empire State Building to the Eiffel Tower, Dubai's iconic Burj Al Arab hotel to London's St Pancras station, this is a glorious, full colour celebration of the world's most distinctive buildings and urban icons, recreated in LEGO bricks. Brick City is a celebration of the world's favourite buildings and urban icons, recreated solely

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using LEGO bricks. While to many, LEGO bricks are 'just a toy,' to an ever-growing army of fans they provide a challenging and enjoyable modelling medium. These fans, calling themselves 'AFOLs' or Adult Fans of LEGO have taken it upon themselves to recreate local landmarks using just the bricks that you find at a local store. LEGO models created by adult fans though, don't resemble those that many people created as a child. Created by masters of their medium, these fabulously detailed models may contain thousands of pieces - or perhaps just a handful. Either way, the talented artists have an intimate knowledge of every piece and colour available; skilfully choosing the ideal piece to recreate a well-known landmark. Sometimes creating a model indistinguishable from the real thing, or evoking the spirit of a building in just a few small pieces. In fact, landmarks and cityscapes - from the New York skyline to the Sagrada Familia, London's St. Pancras, and the amazing towers of Beijing and Hong Kong - have long been a source of inspiration for LEGO builders. In this book, Warren Elsmore takes us on a world tour and explores more than 12 global cities and their iconic structures. Each city is examined and recreated in LEGO form. Comprising amazing artwork, exploratory photographs, and detailed breakdowns, Brick City looks at the essence of what makes an urban landscape recognisable.

Over 2 million copies sold worldwide! Be inspired to create and build amazing models with your LEGO® bricks! The LEGO Ideas Book is packed full of tips from expert LEGO builders on how to make jet planes reach new heights, create fantastic fortresses,

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swing through lush jungles, have fun on the farm and send space shuttles out of this world! This awesome ideas book is divided into six themed chapters - transport, buildings, space, kingdoms, adventure, and useful makes - to inspire every member of the family to get building. With over 500 models and ideas, this book is perfect for any LEGO fan - young or young at heart - who want to make their models cool, fun and imaginative. ©2020 The LEGO Group.

Step-by-step instructions show how to build detailed LEGO models of neighborhoods - complete with homes, stores, restaurants, barbershops, and more. Enter the fantastical world of model building. The LEGO Neighborhood Book 2 is a full-color guide to creating intricate, bustling LEGO neighborhoods, and cities. In this second volume, a follow up to the runaway best-selling first volume, you'll learn even more ways to create classic architectural styles using only LEGO bricks. In addition to creating entire buildings, LEGO model-building experts Brian and Jason Lyles also show you how to create interesting architectural features like cornices, false fronts, porches, and detailed interiors and furniture. With instructions for three buildings and many smaller builds, The LEGO Neighborhood Book 2 is sure to provide hours of building fun and inspiration for readers of all ages.

The BrickGun Book shows you how to build five remarkably sleek LEGO® handgun replicas, like the classic Berreta 92FS and a formidable rubber-band-firing MAC-11. Each chapter includes step-by-step building instructions and a complete parts list using only readily available LEGO pieces. Builder Jeff Boen has designed each model with stunning accuracy and attention to detail, focusing on everything from 1:1 real-life scale to functioning cocking and

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trigger mechanisms. Each BrickGun is ultra-realistic in look and feel, but mostly harmless—perfect for display or your next backyard battle. NOTE: Adult supervision is required. These models are not suitable for children under the age of 12.

Become a LEGO Brickmaster! If your child loves LEGO bricks, they'll enjoy this book complete with 240 fantastic LEGO bricks and 2 mini-figures - great value for money. Watch as they find out all about building with the LEGO bricks provided while they take on Darth Vader, in LEGO Brickmaster Star Wars. A perfect LEGO kit promising hours of playtime for your child.

You already know you can create amazing things with LEGO, but did you know you can also make vehicles that roll and model plans that include landing gear and flaps that actually extend and retract? You can even make functional robots without getting into Mindstorms and programming. In Practical LEGO Technics, Mark Rollins shows you how to use LEGO and Power Functions components like motors and remote controls to create motorized cars, all terrain vehicles, vehicle steering, construction equipment such as cranes and forklifts, airplanes. All-in-all, you'll learn to create a wide variety of fun, unique LEGO creations. LEGO Technic is similar to Mindstorms in that you can create all sorts of cool vehicles and gadgets. But unlike Mindstorms, you don't have to learn programming. Power Functions allows you to add motors, remote control, and battery boxes to your LEGO projects, no programming required. And while you could just build a LEGO Technic gadget from a boxed set, with Practical LEGO Technics, you'll learn the hows and whys of Technic project design, and pick up ideas for your own custom projects. Please note: The print version of this title is in black & white; the ebook is full color. You can download color images from the book at <http://www.apress.com/9781430246114> Covers basic design for motorized vehicles that run

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and steer. Shows how to build headlights and more using the Power Functions Light Kit. Provides suspension design for use in building all-terrain vehicles. Helps you build construction equipment, including a crane and forklift.

"Join friends Mia and Chloe on an exciting adventure to find hidden treasure in Heartlake City"--p.[4] of cover.

The LEGO® Technic system opens a new realm of building possibilities. Using motors, gears, pneumatics, pulleys, linkages, and more, you can design LEGO models that really move. The Unofficial LEGO Technic Builder's Guide is filled with building tips for creating strong yet elegant machines and mechanisms with the Technic system. Author Paweł "Sariel" Kmieć will teach you the foundations of LEGO Technic building, from simple machines to advanced mechanics, even explaining how to create realistic to-scale models. Sariel, a world-renowned LEGO Technic expert, offers unique insight into mechanical principles like torque, power translation, and gear ratios, all using Technic bricks. You'll learn how to: –Create sturdy connections that can withstand serious stress –Re-create specialized LEGO pieces like casings and u-joints, and build solutions like Schmidt and Oldham couplings, when no standard piece will do –Build custom differentials, suspensions, transmissions, and steering systems –Pick the right motor for the job—and transform its properties to suit your needs –Combine studfull and studless building styles for a stunning look –Create remote-controlled vehicles, lighting systems, motorized compressors, and pneumatic engines This beautifully illustrated, full-color book will inspire you with ideas for building amazing machines like tanks with suspended treads, supercars, cranes, bulldozers, and much more. Your Technic adventure starts now!

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Helps readers harness the capabilities of the LEGO MINDSTORMS NXT set and effectively plan, build and program NXT 2.0 robots, offering an overview of the pieces in the NXT set, practical building techniques, instruction on the official NXT-G programming language and step-by-step instructions for building, programming and testing a variety of sample robots. Original. Provides information on using the LEGO Technic robot kit, including how to build a robot body, using the power functions, enabling a robot to walk.

Create Virtual 3D LEGO Models Using LEGO Software Power Tools LEGO Master Builders have created a powerful set of tools that are distributed as freeware to the LEGO community to assist LEGO fans in their building adventures. Until now, these tools have been difficult to find, and even more difficult to configure to work with one another. Here, in one book, readers will find steps for installing and using all of the most popular LEGO freeware applications. Also, all of the applications are consolidated into one simple-to-install program that allows readers to be up and running in minutes Ø Wide market appeal. This book will appeal to the huge established consumer base of the LEGO community, as well as to children, parents, and teachers who may have been intimidated by the difficulties of bringing all of these applications under one roof. Ø The only book of its kind to cover the wide variety of applications available. Some books in the past have touched on one or two of these LEGO applications,

but none has covered them all in such detail. Ø CD provides all of these freeware applications in one easy to install program. Included CD packs more than 8 applications into one easy-to-use format, making it easy for readers to have access to all of these applications in minutes and avoid the headaches of trying to download, install, configure, set up folder structures, and troubleshoot such a wide variety of loosely related freeware applications. Ø Will coincide with the release of Lpub. This will be the first in-depth look at LPub, the new creation of Kevin Clague, which ties LDraw, MLCad, L3P, and POV-Ray together to allow users to easily create professional quality LEGO instructions for both the printed page and the web.

BrickJournal #49, the magazine for LEGO enthusiasts, celebrates the 40th anniversary of the TECHNIC line of sets! Photo editor GEOFF GRAY takes a look at the sets that made this theme more than building! Editor JOE MENO interviews former LEGO Set Designer SØREN HOLM about a classic TECHNIC set: The TECHNIC SPACE SHUTTLE! TECHNIC Fan MICHAEL BROWN shows off his AH-64 APACHE - in TECHNIC scale! Plus: AFOLs ("Adult Fans of LEGO") by cartoonist Greg Hyland, step-by step "You Can Build It" instructions by CHRISTOPHER DECK, BrickNerd's DIY Fan Art, Minifigure Customization with JARED K. BURKS, MINDSTORMS robotics lessons by Damien Kee, and

more!

Packed with dozens of the most difficult Hidden Pictures puzzles, this book is perfect for advanced puzzlers looking for a new challenge. Hidden Pictures puzzles just got even harder! This collection includes all types of challenging Hidden Pictures puzzles, including photo puzzles, puzzles without clues, unscrambles, and more. Find more than 1,500 objects hidden in 125+ pages of puzzles. A great gift for anyone who loves a puzzle challenge!

LEGO Guns is packed with building instructions for five impressive looking "weapons" built entirely from LEGO TECHNIC parts. In this heavily illustrated 2-color book, you learn how to use LEGO TECHNIC pieces to build working model guns like the Warbeast, a sophisticated, fully-automatic submachine gun; Parabella, a semi-automatic pistol; Thriller, a slide action crossbow pistol with smooth cocking and chambering mechanisms; and the Magic Moth, a simple butterfly "knife" built with TECHNIC pieces. With the help of a bit of sanding, some rubber bands, and Krazy Glue, each gun actually shoots LEGO bricks at high speed, with surprising accuracy. The building instructions for each model are easy to follow and include detailed parts lists. LEGO Guns also includes sections discussing the general concepts of LEGO gun design and offers practical building tips and tricks. The models range from sophisticated to easy,

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and readers of all ages will find something enjoyable to build and play with. Learn the model-making process from start to finish, including the best ways to choose scale, wheels, motors, and track layout. Get advice for building steam engines, locomotives, and passenger cars, and discover fresh ideas and inspiration for your own LEGO train designs. Inside you'll find: -A historical tour of LEGO trains -Step-by-step building instructions for models of the German Inter-City Express (ICE), the Swiss "Crocodile," and a vintage passenger car -Tips for controlling your trains with transformers, receivers, and motors -Advice on advanced building techniques like SNOT (studs not on top), microstripping, creating textures, and making offset connections -Case studies of the design process -Ways to use older LEGO pieces in modern designs For ages 10+

The Ultimate Tool for MINDSTORMS® Maniacs The new MINDSTORMS kit has been updated to include a programming brick, USB cable, RJ11-like cables, motors, and sensors. This book updates the robotics information to be compatible with the new set and to show how sound, sight, touch, and distance issues are now dealt with. The LEGO MINDSTORMS NXT and its predecessor, the LEGO MINDSTORMS Robotics Invention System (RIS), have been called "the most creative play system ever developed." This book unleashes the full power and potential of the tools, sensors, and components that make up LEGO

MINDSTORMS NXT. It also provides a unique insight on newer studless building techniques as well as interfacing with the traditional studded beams. Some of the world's leading LEGO MINDSTORMS inventors share their knowledge and development secrets. You will discover an incredible range of ideas to inspire your next invention. This is the ultimate insider's look at LEGO MINDSTORMS NXT system and is the perfect book whether you build world-class competitive robots or just like to mess around for the fun of it. Featuring an introduction by astronaut Dan Barry and written by Dave Astolfo, Invited Member of the MINDSTORMS Developer Program and MINDSTORMS Community Partners (MCP) groups, and Mario and Guilio Ferrari, authors of the bestselling Building Robots with LEGO Mindstorms, this book covers: Understanding LEGO Geometry Playing with Gears Controlling Motors Reading Sensors What's New with the NXT? Building Strategies Programming the NXT Playing Sounds and Music Becoming Mobile Getting Pumped: Pneumatics Finding and Grabbing Objects Doing the Math Knowing Where You Are Classic Projects Building Robots That Walk Robotic Animals Solving a Maze Drawing and Writing Racing Against Time Hand-to-Hand Combat Searching for Precision Complete coverage of the new Mindstorms NXT kit Brought to you by the DaVinci's of LEGO Updated edition of a bestseller

\* This is the first book to discuss competitive battling robots using MINDSTORMS. \* This is written by an experienced robot builder, who is very active in the community. \* Will contain the most thorough, realistic, and highest quality set of LEGO® instructions available. \* Mass popularity for robot building is growing: robot clubs are appearing in schools and universities, competitions are becoming more widespread. \*The technology is very consumer-friendly.

Join the "Bob Ross of LEGO" in constructing cool creations with this how-to guide that brings legendary builds to life! Looking for something a little more exciting than your average LEGO® guide? You're in luck! Not only does this spectacular book offer step-by-step instructions for fun builds and crafts, it also includes intriguing trivia, micro challenges, and advice to boost your creative confidence. You'll also learn all about the author, Adam Ward, a professional artist who hosts the popular YouTube series Brick x Brick--and who wants you to become the best builder you can be. With a difficulty rating provided for each build, this is the perfect pick for LEGO® lovers of every skill-level. Get ready to make a masterpiece!

In this step-by-step guide, you'll learn how to build 40 miniature models of race cars, airplanes, ships, trains, and more. These fun, compact designs will inspire you to get creative with as few as nine LEGO® pieces. Imagine what you can build with just a handful of LEGO

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bricks—almost anything! In *Tiny LEGO Wonders*, you'll create miniscale models of real vehicles like: –A space shuttle –Jets, planes, and helicopters –Flatbed trucks and cement mixers –France's high-speed TGV train –F1 racecars –Muscle cars –Cargo, cruise, wooden ships, and more! Let your creativity run wild!

Travel through the history of architecture in *The LEGO Architect*. You'll learn about styles like Art Deco, Modernism, and High-Tech, and find inspiration in galleries of LEGO models. Then take your turn building 12 models in a variety of styles. Snap together some bricks and learn architecture the fun way!

Lego robots! Mindstorms are sweeping the world and fans need to learn how to programme them. Lego Mindstorms are a new generation of Lego Robots that can be manipulated using microcomputers, light and touch sensors, an infrared transmitter and CD-ROMs. Since Lego launched Lego Mindstorms in late 1998 sales have skyrocketed - with no sign of slowing down. Mindstorms have captured the imagination of adults and children alike, creating a subculture of Mindstorm enthusiasts around the world. The kits are now a staple part of engineering and computer science classes at many high profile Universities. *Building Robots with Lego Mindstorms* provides readers with a fundamental understanding of the geometry, electronics, engineering, and programming required to build your own robots. Mario and Giulio Ferrari are world-renowned experts in the field of Lego Mindstorms robotics, and in this book they share their unrivaled knowledge and expertise of robotics as well as provide a series of chapters detailing how to design and build the most exotic robots. Mario and Giulio also give detailed explanations of how to integrate Lego Mindstorms kits with other Lego programmable bricks such as Scout and Cybermaster, as well as with non-robotic Lego Technics models.

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Reveals how the LEGO company was nearly pushed financial collapse by the advice of professional consultants, explaining how the company adapted the "Seven Truths of Innovation" to rebuild a stronger and more competitive business.

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

Scenes from nature spring to life in Mike Doyle's latest curated collection of LEGO art, Beautiful LEGO: Wild! From botanical marvels to adorable critters—such as a sea otter family made from 3,500 LEGO pieces—every page is sure to delight the artist and naturalist in all of us. Interviews with LEGO masters from around the world give you a glimpse into the inspiration behind these incredible works of art. Discover amazing landscapes, insects, mythical creatures, and more, all within the enchanting pages of Beautiful LEGO: Wild!

"Can the Autobots overcome the threat of the dangerous Decepticons? With easy-to-follow step-by-step instructions, Alexander Jones and Joachim Klang show you how to make truly transformable models of Optimus Prime, Bumblebee, Soundwave, and the Constructicons. Detailed lists of parts give you a quick overview of all the elements you need for the good fight of Good vs Evil. Naturally there are also construction instructions for the two spaceships (The Ark and Nemesis), the Transformation Probe, and a Mini Grimlock. Build your own Transformers from the bricks in your box of LEGO and be ready for the call to cation: Robots in Disguise!"--Page [4] cover.

The LEGO Neighborhood Book 2Build Your Own City!No Starch Press

Zoom into the world of LEGO bricks with amazing dream cars! If you're a fan of beautiful

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design and iconic cars, this book will give you creative ideas on how to build your dream cars from LEGO. The instruction book includes full-color photos and easy step-by-step directions for each model. QR codes will direct you to video instructions online for each build as well. Zoom into the world of LEGO art.

A children's book that shows how to build 50 simple models of LEGO animals using only standard LEGO parts that every LEGO fan has in their collection. The LEGO Zoo book shows kids of any age how to build 50 simple animal models using only standard LEGO parts that are already likely to be in their collection. You'll learn how to build models of animals like crocodiles, zebras, wolves, lions, flamingos, plus many more. Projects are ordered by increasing difficulty making it easy to jump in without getting in over your head. The animals are so cute and goofy, whether building as a family or solo The LEGO Zoo is sure to deliver a roaring good time!

A fun and easy guide to creating the next great Facebook app! Want to build the next runaway Facebook app like Farmville or Mafia Wars? Interested in leveraging Facebook app development as part of a marketing strategy? Whether you want to build your own Facebook app from scratch, extend an existing Facebook app, or create a game, this book gets you up and running in no time. Master the Facebook toolkit, get acquainted with the Facebook Markup and Query languages, navigate the Facebook API—even learn how to make money with your new app! Shows you how to build the next great Facebook application with just basic HTML and scripting skills Delves into what makes a good app and what makes a lucrative app Explores how to create Facebook apps for marketing and viral reach, creating apps that can make money, and Facebook game development Reviews the Facebook toolkit and gets you

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started with the My First Facebook application Covers Facebook Markup and Query languages, navigating the Facebook API, and how to create a compelling interface Create the next killer Facebook app with this approachable, fun guide!

Filled with stunning photos, step-by-step instructions, and creative ideas for customization—The LEGO Castle Book shows you how to build six mini castles complete with moats, drawbridges, gatehouses, and more! Travel through the history of castle architecture and learn how to build basic castle components like walls, towers, gates, and keeps. Whether your goal is to add realistic details like crenellations, turrets, and parapets to your designs or to create a believable medieval setting, you'll find endless inspiration in The LEGO Castle Book. Includes complete parts list and building instructions for 6 castles: • Sleeping Dragon • Land's End • River Gate • Winter Palace • Eight Arches • Mountain Kingdom

This thoroughly updated second edition of the best-selling Unofficial LEGO Technic Builder's Guide is filled with tips for building strong yet elegant machines and mechanisms with the LEGO Technic system. World-renowned builder Paweł "Sariel" Kmiec covers the foundations of LEGO Technic building, from the concepts that underlie simple machines, like gears and linkages, to advanced mechanics, like differentials and steering systems. This edition adds 13 new building instructions and 4 completely new chapters on wheels, the RC system, planetary gearing, and 3D printing. You'll get a hands-on introduction to fundamental mechanical concepts like torque, friction, and traction, as well as basic engineering principles like weight distribution, efficiency, and power transmission—all with the help of Technic pieces. You'll even learn how Sariel builds his amazing tanks, trucks, and cars to scale. Learn how to: –Build sturdy connections that can withstand serious stress –Re-create specialized LEGO pieces, like

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casings and u-joints, and build custom, complex Schmidt and Oldham couplings –Create your own differentials, suspensions, transmissions, and steering systems –Pick the right motor for the job and transform it to suit your needs –Combine studfull and studless building styles for a stunning look –Build remote-controlled vehicles, lighting systems, motorized compressors, and pneumatic engines This beautifully illustrated, full-color book will inspire you with ideas for building amazing machines like tanks with suspended treads, supercars, cranes, bulldozers, and much more. What better way to learn engineering principles than to experience them hands-on with LEGO Technic? New in this edition: 13 new building instructions, 13 updated chapters, and 4 brand-new chapters!

Release your inner child and build yourself happy with LEGO® bricks. Are you failing to find inner peace on a yoga mat? Does life feel like all work and no play? Having fun and getting creative can boost your mood and your well-being. So if you're looking for ways to unwind and make time for yourself, then let this book guide you on a LEGO® brick road to happiness. With more than 50 mindful LEGO building activities, discover how you can find balance, connect with friends and family, relax and improve your sleep habits. ©2019 The LEGO Group.

Learn effective and scalable database design techniques in a SQL Server environment. Pro SQL Server 2012 Relational Database Design and Implementation covers everything from design logic that business users will understand, all the way to the physical implementation of design in a SQL Server database. Grounded in best practices and a solid understanding of the underlying theory, Louis Davidson shows how to “get it right” in SQL Server database design and lay a solid groundwork for the future use of valuable business data. Gives a solid foundation in best practices and relational theory Covers the latest implementation features in

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SQL Server Takes you from conceptual design to an effective, physical implementation  
This Christmas, LEGO is moving from under the tree to on the tree! With The LEGO Christmas Ornaments Book as your guide, you'll make classic globe and barrel ornaments, all out of LEGO, as well as original gingerbread houses, a charming wreath, arcade cabinets, and many more. Packed with step-by-step instructions for 15 charming builds, The LEGO Christmas Ornaments Book is the perfect family activity this holiday season.

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