



Mastering Leap Motion

By Brandon Sanders

Download now

Read Online ➔

Mastering Leap Motion By Brandon Sanders

Design robust and responsive Leap Motion applications for real-world use

About This Book

- Become an expert in making apps for Leap Motion using object-oriented programming
- Learn effective techniques and innovative design processes that are ideal for creating and testing 2D and 3D applications
- Explore the future of human and computer interaction enabled by Leap Motion today, through practical use cases

Who This Book Is For

If you want to begin writing full-fledged applications for the Leap Motion Controller or if you are trying to figure out how the Leap Motion device integrates with preexisting technologies, this is the book for you. Since we'll be making heavy use of object-oriented programming, a working knowledge of any object-oriented programming language is essential. Basic familiarity with developing Leap Motion apps is assumed.

What You Will Learn

- Get to grips with the various functions and tools provided for developers by the Leap Motion API
- Understand how Leap Motion detects and handles various gestures and movements made by users, including ergonomics and fatigue
- Create a simple 2D painting application using only Java and the Leap Motion API
- Design and create a 3D application using the Unity 3D toolkit
- Troubleshoot, debug, and optimize Leap Motion applications to improve their responsiveness
- Explore the future of Leap Motion technology and where it might be used tomorrow

In Detail

Leap Motion technology offers a truly innovative way of interacting with software. Traditionally, computing has always involved the use of a keyboard, a mouse or a controller. Leap Motion gives developers a new solution to creating a radically new user experience, in a way that is both comprehensive and disruptive in the most exciting sense of the term. From typing to robotic hands and virtual harps, Leap Motion makes human and computer interaction so much more immersive.

Starting with the fundamentals, this book will arm you with the knowledge you need to write functional and intuitive 2D and 3D Leap Motion applications. Beginning with a quick step-by-step guide to get you set up and an overview of how the Leap Motion API works to consolidate your knowledge, the book then looks closely at writing a 2D painting application and explores how to create a 3D application. The book will then look forward to the future of Leap Motion and the future that could be made by it. Featuring diagrams, screenshots, and code examples to guide you as you master Leap Motion, this book will keep you in touch with the future of technology.

 [Download Mastering Leap Motion ...pdf](#)

 [Read Online Mastering Leap Motion ...pdf](#)

Mastering Leap Motion

By Brandon Sanders

Mastering Leap Motion By Brandon Sanders

Design robust and responsive Leap Motion applications for real-world use

About This Book

- Become an expert in making apps for Leap Motion using object-oriented programming
- Learn effective techniques and innovative design processes that are ideal for creating and testing 2D and 3D applications
- Explore the future of human and computer interaction enabled by Leap Motion today, through practical use cases

Who This Book Is For

If you want to begin writing full-fledged applications for the Leap Motion Controller or if you are trying to figure out how the Leap Motion device integrates with preexisting technologies, this is the book for you. Since we'll be making heavy use of object-oriented programming, a working knowledge of any object-oriented programming language is essential. Basic familiarity with developing Leap Motion apps is assumed.

What You Will Learn

- Get to grips with the various functions and tools provided for developers by the Leap Motion API
- Understand how Leap Motion detects and handles various gestures and movements made by users, including ergonomics and fatigue
- Create a simple 2D painting application using only Java and the Leap Motion API
- Design and create a 3D application using the Unity 3D toolkit
- Troubleshoot, debug, and optimize Leap Motion applications to improve their responsiveness
- Explore the future of Leap Motion technology and where it might be used tomorrow

In Detail

Leap Motion technology offers a truly innovative way of interacting with software. Traditionally, computing has always involved the use of a keyboard, a mouse or a controller. Leap Motion gives developers a new solution to creating a radically new user experience, in a way that is both comprehensive and disruptive in the most exciting sense of the term. From typing to robotic hands and virtual harps, Leap Motion makes human and computer interaction so much more immersive.

Starting with the fundamentals, this book will arm you with the knowledge you need to write functional and intuitive 2D and 3D Leap Motion applications. Beginning with a quick step-by-step guide to get you set up and an overview of how the Leap Motion API works to consolidate your knowledge, the book then looks closely at writing a 2D painting application and explores how to create a 3D application. The book will then look forward to the future of Leap Motion and the future that could be made by it. Featuring diagrams, screenshots, and code examples to guide you as you master Leap Motion, this book will keep you in touch

with the future of technology.

Mastering Leap Motion By Brandon Sanders Bibliography

- Sales Rank: #3379207 in Books
- Published on: 2014-11-25
- Released on: 2014-11-28
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .56" w x 7.50" l, .95 pounds
- Binding: Paperback
- 248 pages

 [Download Mastering Leap Motion ...pdf](#)

 [Read Online Mastering Leap Motion ...pdf](#)

Editorial Review

About the Author

Brandon Sanders

Brandon Sanders is an 18-year-old roboticist who spends much of his time designing, building, and programming new and innovative systems, including simulators, autonomous coffee makers, and robots for competition. At present, he attends Gilbert Finn Polytechnic (which is a homeschool) as he prepares for college. He is the founder and owner of Mechakana Systems, a website and company devoted to robotic systems and solutions. As a home-educated student, he's had the unique opportunity to focus his efforts on the fields that interest him. This has made him successful as the team captain for the FIRST Robotics teams: #4982 Cafe Bot and #1444 the Lightning Lancers. He has also served as a scientific research assistant to the Chairman of the Washington University Physics Department, where he wrote software to aid in the calculation of equations of state for dense matter in neutron stars. He has received numerous awards and accolades as a result of his involvement in various programs. Two of his most notable achievements are FIRST Robotics Competition Dean's List Award and FIRST Tech Challenge World Championship Inspire Award.

Users Review

From reader reviews:

Theresa Gayle:

The book Mastering Leap Motion give you a sense of feeling enjoy for your spare time. You should use to make your capable far more increase. Book can for being your best friend when you getting tension or having big problem with the subject. If you can make reading through a book Mastering Leap Motion to be your habit, you can get considerably more advantages, like add your personal capable, increase your knowledge about a number of or all subjects. You may know everything if you like open up and read a reserve Mastering Leap Motion. Kinds of book are a lot of. It means that, science e-book or encyclopedia or other people. So , how do you think about this guide?

Lucia Stevenson:

Do you one of people who can't read satisfying if the sentence chained in the straightway, hold on guys that aren't like that. This Mastering Leap Motion book is readable by means of you who hate those perfect word style. You will find the info here are arrange for enjoyable studying experience without leaving also decrease the knowledge that want to offer to you. The writer connected with Mastering Leap Motion content conveys the idea easily to understand by most people. The printed and e-book are not different in the articles but it just different by means of it. So , do you nevertheless thinking Mastering Leap Motion is not loveable to be your top checklist reading book?

Irene Carpenter:

In this time globalization it is important to someone to obtain information. The information will make a professional understand the condition of the world. The healthiness of the world makes the information simpler to share. You can find a lot of references to get information example: internet, newspaper, book, and soon. You will observe that now, a lot of publisher that will print many kinds of book. Typically the book that recommended to you personally is Mastering Leap Motion this e-book consist a lot of the information in the condition of this world now. This specific book was represented how do the world has grown up. The vocabulary styles that writer use for explain it is easy to understand. Typically the writer made some analysis when he makes this book. Here is why this book acceptable all of you.

William Evans:

Is it a person who having spare time and then spend it whole day simply by watching television programs or just telling lies on the bed? Do you need something totally new? This Mastering Leap Motion can be the response, oh how comes? A book you know. You are consequently out of date, spending your spare time by reading in this fresh era is common not a nerd activity. So what these publications have than the others?

Download and Read Online Mastering Leap Motion By Brandon Sanders #YSJ2D7OG0FZ

Read Mastering Leap Motion By Brandon Sanders for online ebook

Mastering Leap Motion By Brandon Sanders Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Mastering Leap Motion By Brandon Sanders books to read online.

Online Mastering Leap Motion By Brandon Sanders ebook PDF download

Mastering Leap Motion By Brandon Sanders Doc

Mastering Leap Motion By Brandon Sanders Mobipocket

Mastering Leap Motion By Brandon Sanders EPub