

# Mastering Android Wear Application Development

By Siddique Hameed, Javeed Chida



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Master the future of mobile devices in wearable technology

### **About This Book**

- Mastering Android Wear Development is a complete guide to wearable technology for experienced Android developers
- Notifications, voice input, coping with round screens all the key challenges of wearable technology are covered
- This book describes not just how to write code for wearables, but also how to think about wearable technology and design apps that work well with the physical limitations of wearable devices

### Who This Book Is For

This book is for application developers (the web, mobile, and desktop) who are interested in building new wearable apps, and mobile developers who already have apps on iTunes or Google Play Store and are looking to provide Android Wear support for their existing Android or iOS apps.

### What You Will Learn

- Understand the Wearable computing technology
- Set up a development environment to build Android Wear apps using Android Studio
- Master the Android Wear SDK and APIs
- Understand the UI patterns and UX principles to build Android Wear apps
- Work with the different form factors of wearable devices (round and square)
- Take advantage of the sensors available on Android Wear devices
- Develop Android Wear sample apps
- Communicate between Android mobile and Android Wear apps
- Get to know the steps involved in publishing Android Wear apps to the Play store

### In Detail

Wearable technology is the future of mobile devices. It looks set to be a breakthrough technology, just like the iPad was before it. With the Apple Watch being widely regarded as a success, all eyes are now on Google to provide a similar device for its users. Keep your skills ahead of the competition and be one of the first to fully understand this powerful new trend. This book will give you a very solid understanding of the philosophy, thought process, development details, and methodologies involved in building well-designed, robust Android Wear applications.

We cover the advantages and disadvantages of the wearable computing paradigm and provide a good foundational knowledge for you to build practical, real-world wearable apps. You will learn about the various tools, platforms, libraries, SDKs, and technology needed to build Android Wear apps. By the end of the book, you will be an expert in building Android wearable apps.

## Style and approach

This one-stop professional tutorial will teach you everything you need to know to begin designing and developing applications for this exciting new technology. Every step from development through testing to deployment is explained in depth.



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### Mastering Android Wear Application Development By Siddique Hameed, Javeed Chida Bibliography

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### **Editorial Review**

### About the Author

Siddique Hameed is a pragmatic technologist currently working on Simplify Commerce, a payment gateway platform from MasterCard. During his diverse career roles, he's been crafting software for Fortune 500 companies to startups of industry domains ranging from finance, commerce, social media, telecom, bioinformatics, publishing, and insurance. He is passionate about technology, software and their effects on day-to-day lives. He is a strong believer in open-source software culture and actively contributes to many opensource projects. On times, he speaks at technology events, meetups, and mentor contestants in hackathons. He likes teaching kids and adults in programming, technology and software development, and volunteers on coding initiatives such as Girls Who Code, Code.org, and STEM (science, technology, engineering, and mathematics) programs. In his spare time, he likes traveling, goes on long road trips, and tinker with Raspberry Pi and build DIY gadgets.

### **Users Review**

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### **Frances Small:**

This Mastering Android Wear Application Development book is not ordinary book, you have after that it the world is in your hands. The benefit you will get by reading this book is actually information inside this publication incredible fresh, you will get information which is getting deeper a person read a lot of information you will get. This Mastering Android Wear Application Development without we comprehend teach the one who studying it become critical in contemplating and analyzing. Don't possibly be worry Mastering Android Wear Application Development can bring if you are and not make your bag space or bookshelves' turn out to be full because you can have it with your lovely laptop even telephone. This Mastering Android Wear Application Development having great arrangement in word in addition to layout, so you will not really feel uninterested in reading.

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### Jerry Melgar:

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### Jeannie Brenner:

In this period of time globalization it is important to someone to find information. The information will make you to definitely understand the condition of the world. The healthiness of the world makes the information quicker to share. You can find a lot of sources to get information example: internet, magazine, book, and soon. You can view that now, a lot of publisher this print many kinds of book. The actual book that recommended for you is Mastering Android Wear Application Development this e-book consist a lot of the information from the condition of this world now. This particular book was represented how does the world has grown up. The terminology styles that writer use for explain it is easy to understand. The particular writer made some analysis when he makes this book. Here is why this book acceptable all of you.

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