Professional Android Sensor Programming

Von Greg Milette, Adam Stroud
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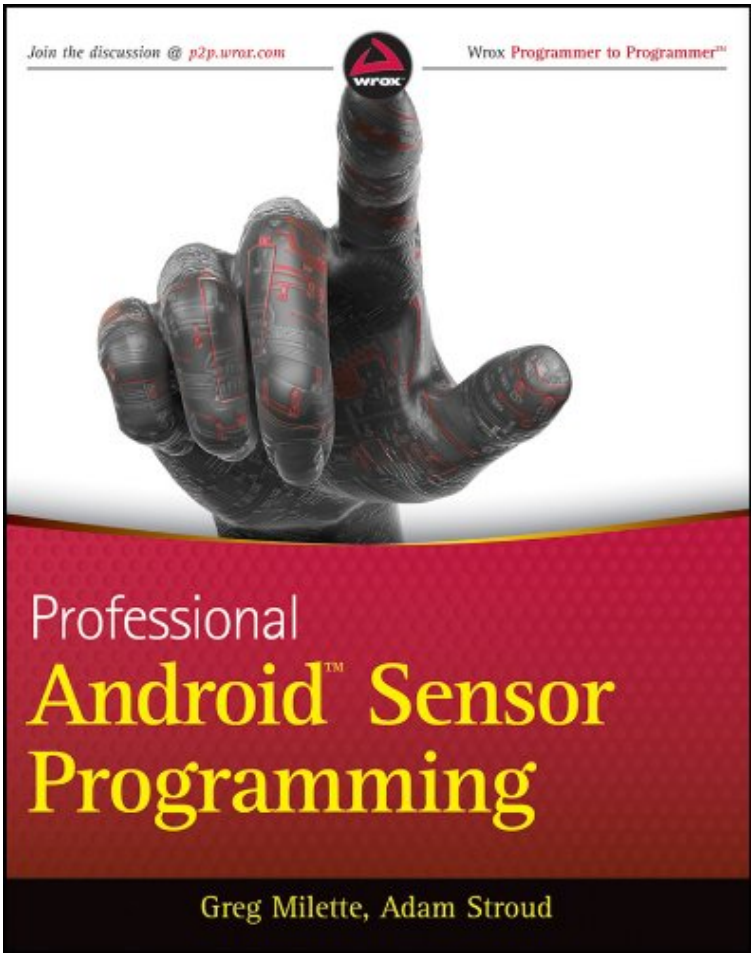

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Von Greg Milette, Adam Stroud : Professional Android Sensor Programming before purchasing it in order to gage whether or not it would be worth my time, and all praised Professional Android Sensor Programming:

KundenrezensionenHilfreichste Kundenrezensionen4 von 4 Kunden fanden die folgende Rezension hilfreich. Ein echter Knaller fr alle Android-Entwickler!Von Matthias WDieses Buch ist ein echter Knaller. Habe schon einen DvD-Kurs fr Android durchgearbeitet und die erste eigene App geschrieben. Da machte der Titel "Professional Sensor Programming" natrlich neugierig, wie mein Android-Wissen hier ergnzt wrde. Fazit: Die Anschaffung dieses Buches hat sich wirklich gelohnt. Und das sage ich obwohl ich noch nicht einmal alle Kapitel bisher durchgearbeitet habe. Sensoren, NFC, GPS, Kamera, Mikrofon, Texteingabe und -ausgabe: Alles wird mit Beispielprogrammen Schritt fr Schritt vorgestellt. Die Lektre des Buches hat mich voll motiviert, weitere Apps in Angriff zu nehmen. Einziges kleines Manko: Die Erklrung der Bluetooth-Komunikation fehlt. Aber dazu gibt es eine gute Beschreibung im Internet auf den Developerseiten von Android von daher kann das verschmerzt werden.0 von 0 Kunden fanden die folgende Rezension hilfreich. Alles BestensVon BerndAlles Bestens und jetzt erfllen wir die restlichen Wrter, Alles Bestens,

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KurzbeschreibungLearn to build human-interactive Android apps, starting with device sensors This book shows Android developers how to exploit the rich set of device sensorslocational, physical (temperature, pressure, light, acceleration, etc.), cameras, microphones, and speech recognitionin order to build fully human-interactive Android applications. Whether providing hands-free directions or checking your blood pressure, Professional Android Sensor Programming shows how to turn possibility into reality. The authors provide techniques that bridge the gap between accessing sensors and putting them to meaningful use in real-world situations. They not only show you how to use the sensor related APIs effectively, they also describe how to use supporting Android OS components to build complete systems. Along the way, they provide solutions to problems that commonly occur when using Android's sensors, with tested, real-world examples. Ultimately, this invaluable resource provides in-depth, runnable code examples that you can then adapt for your own applications. Shows experienced Android developers how to exploit the rich set of Android smartphone sensors to build human-interactive Android apps Explores Android locational and physical sensors (including temperature, pressure, light, acceleration, etc.), as well as cameras, microphones, and speech recognition Helps programmers use the Android sensor APIs, use Android OS components to build complete systems, and solve common problems Includes detailed, functional code that you can adapt and use for your own applications Shows you how to successfully implement real-world solutions using each class of sensors for determining location, interpreting physical sensors, handling images and audio, and recognizing and acting on speech Learn how to write programs for this fascinating aspect of mobile app development with Professional Android Sensor Programming.KurzbeschreibungLearn to build human-interactive Android apps, starting with device sensors This book shows Android developers how to exploit the rich set of device sensorslocational, physical (temperature, pressure, light, acceleration, etc.), cameras, microphones, and speech recognitionin order to build fully human-interactive Android applications. 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This book helps you achieve this by arming you with the knowledge and code you need to put Android's sensors to good use. From determining the smartphone's location and interpreting physical sensors to handling images, audio, and recognizing speech, you'll learn how to effectively apply the sensor- related APIs. With this information, you'll not only save time during the development process but you'll also be able to build fully featured apps that integrate new levels of interaction and automation.Professional Android Sensor Programming:* Shows various ways to implement location tracking and proximity alerts* Uncovers the physics behind the physical sensors available in the SensorManager API so you can know how to apply them appropriately* Shows algorithm code to interpret noisy sensor data and detect changes* Demonstrates how to measure device properties like orientation and movement, as well as environmental properties like relative altitude* Explores using Android Open Accessory (AOA) to access external sensors* Describes Near Field Communication (NFC) technology and its APIs* Provides image and signal processing code to detect patterns captured by the camera and microphone* Exposes all components required to create reliable, user-friendly, speech-enabled apps using Android Speech Recognition and Text-to-Speech APIsWrox Professional guides are written by working developers to address everyday needs. 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