

AND302 – 1-Day Advanced Android - Developing NFC (Near Field Communication) Android Apps



NFC is set of short-range wireless technologies that allow devices to communicate with each other, typically at a distance of 4cm or less. Using NFC, you can enable two Android devices to exchange data. In this course, you will learn how to develop Android applications that support NFC.

Topics

- Understanding NDEF (NFC Data Exchange Format)
- Reading NDEF data from an NFC tag
- Writing to a NFC Tag
 - Writing Uri Records
 - Writing Text Records
 - Writing MIME Records
 - Writing External Records
- Reading from a NFC Tag and automatically launching applications
- Auto launching of applications using Android Application Record (AAR)
- Using Android Beam
 - Beaming NDEF messages from one device to another
 - Sending Files using NFC



Prerequisites

- Attended the **Fundamentals of Android Programming using Android Studio** course

Hardware

- Windows / Mac computer
- *Android devices with NFC support (recommended)*

Software

- Android Studio



About Wei-Meng Lee



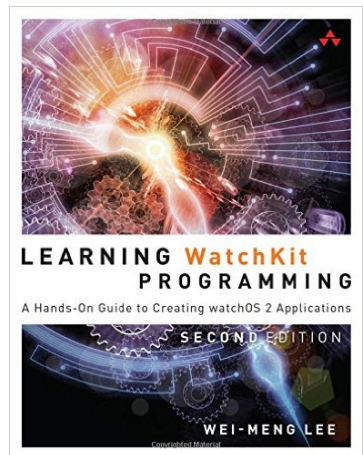
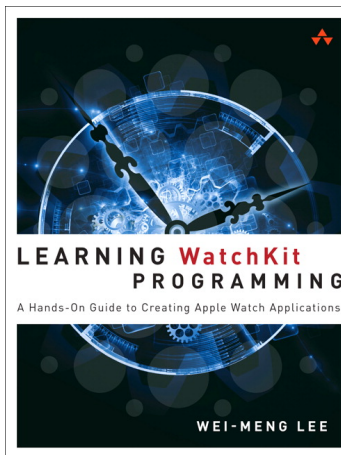
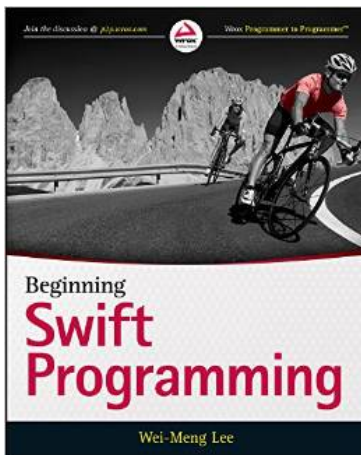
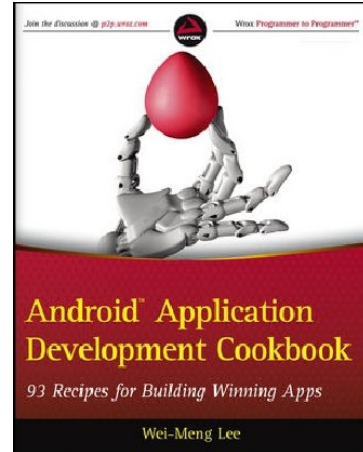
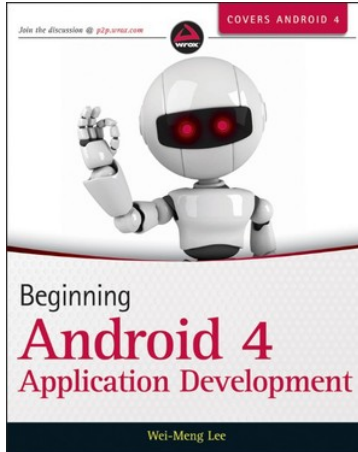
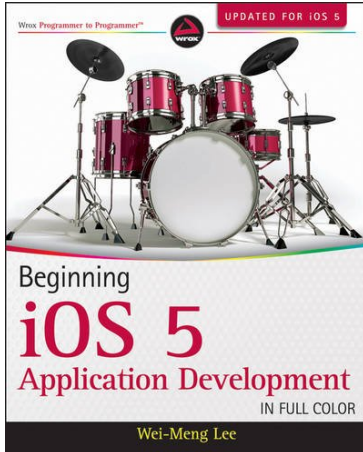
Wei-Meng Lee is a technologist and founder of Developer Learning Solutions (<http://www.learn2develop.net>), a technology company specializing in hands-on training on the latest mobile technologies. Wei-Meng has many years of training experiences and his training courses place special emphasis on the learning-by-doing approach. His hands-on approach to learning programming makes understanding the subject much easier than reading books, tutorials, and documentations. His name regularly appears in online and print publications such as DevX.com, MobiForge.com, and CoDe Magazine.

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Books by Wei-Meng Lee





Course Application Form

Please email a signed copy to weimenglee@learn2develop.net

Billing Information

Name				
Designation				
Company				
Mailing Address				
Office Tel		Mobile		Fax
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Course Title: _____ Date: _____

Participant Information	Amount
Name: Email:	S\$
Name: Email:	S\$
Grand Total S\$	

Important Note

- Developer Learning Solutions reserves the right to cancel or reschedule the course.
- You can withdraw from the course provided you inform us **one (1) month** in advance before the commencement of the class. There will be no refund after this period and the full course fee will be billed.
- **No-show policy: If a participant did not turn up for the course he signed up for, he will be billed 100% of the course fee. In the event of medical leave, a substitution would be allowed**

I understand that participants have to bring their notebook computer for the course (for iOS related courses, the notebook must be a Mac).

Authorized Signature & Company Stamp

Name & Designation

Date