

IOS305 – 1-Day Developing Secure iOS Applications



In this one-day course, you will learn how to write secure iOS applications. You will learn how to save user data securely on your iPhone, and how to perform authentication within your application using custom authentication and using Apple's Touch ID.

Topics

- Implementing local authentication on your application
- Using Touch ID for authentication
- Cryptography in iOS
 - Hashing
 - Symmetric and Asymmetric Encryption/Decryption
- Saving passwords in Keychain
- Saving Keychain data on iCloud
- Sharing Keychain with Apps made by your team
- Obtaining Passwords from the user
- Connecting to a secure REST API service
- iOS File system Security
- Security Best Practices

Prerequisites

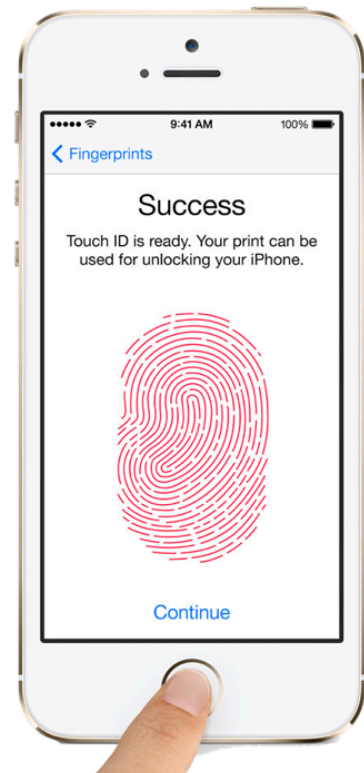
- Attended the **Fundamentals of iPhone Programming using Objective-C** course

Hardware

- Mac
- *iOS devices (recommended)*

Software

- Xcode 7 or later





About Wei-Meng Lee



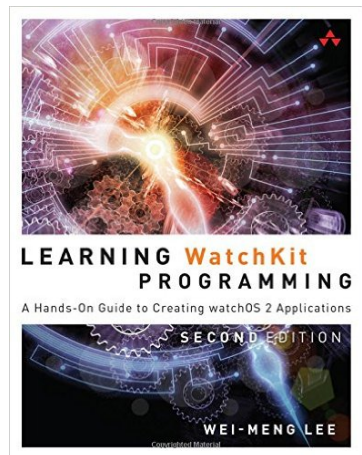
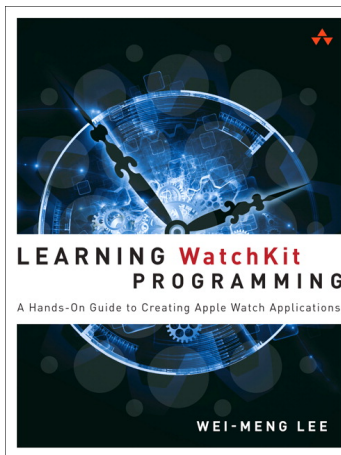
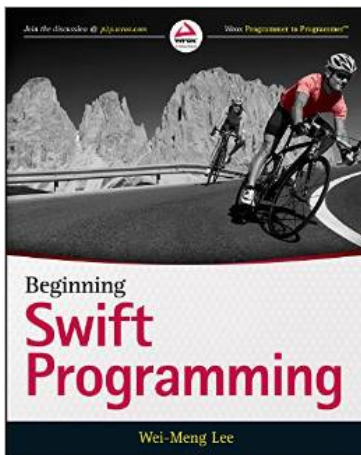
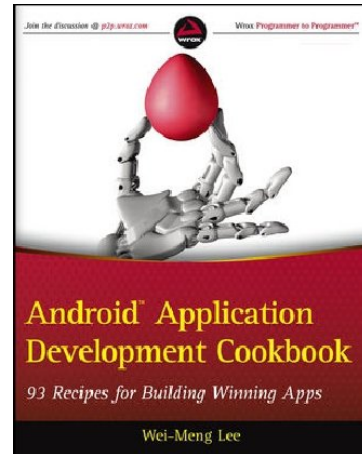
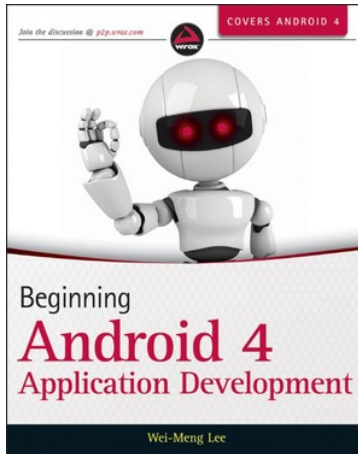
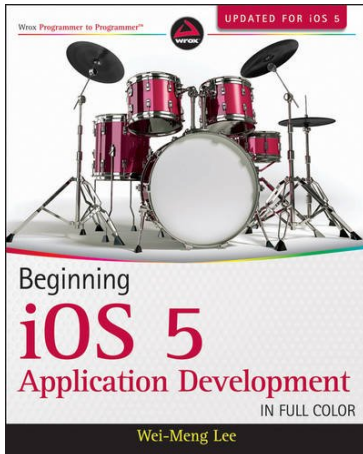
Wei-Meng Lee is a technologist and founder of Developer Learning Solutions (<http://www.learn2develop.net>), a technology company specializing in hands-on training on the latest mobile technologies. Wei-Meng has many years of training experiences and his training courses place special emphasis on the 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.

Some of Our Clients

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- Ministry of Defense
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- Nanyang Technological University (NTU)
- National University of Singapore (NUS)
- NCS Pte. Ltd.
- Ngee Ann Polytechnic
- Republic Polytechnic
- SAP
- SBS Transit
- Singapore Management University (SMU)
- Singapore Polytechnic
- Singapore Pools
- Singapore Press Holdings
- Temasek Polytechnic
- Walt Disney
- United States (US) Army



Books by Wei-Meng Lee





Course Application Form

Please email a signed copy to weimenglee@learn2develop.net

Billing Information

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| Office Tel | | Mobile | | Fax | |
| Email | | | | | |

Course Title: _____ Date: _____

| Participant Information | Amount |
|-------------------------|--------|
| Name: | S\$ |
| Email: | |
| Name: | |
| Email: | |
| 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