

# WEB106 – 1-Day Programming Web Apps using Node.js



*Node.js is an open source, cross-platform runtime environment for creating Web apps and Web services. Node.js apps are written using JavaScript, and it provides an event-driven architecture and a non-blocking I/O API that enhances an application's throughput and scalability. Using Node.js, you can even write your own Web server!*

*In this course, you will learn how to get started with Node.js and how to use it to write some cool Web applications and services.*

## Topics

- What is Node.js?
- Installing Node.js
- Using the REPL Terminal
- File System
- Streams and Buffers
- Events and Callbacks
- Event Emitter
- Using the Utility Modules
- Using the Web Modules
- Using the Express Framework
- Building a REST service using the RESTful API
- Creating a Web Server using Node.js
- Using the Node Package Manager



## Prerequisites

- Knowledge of basic programming and object-oriented programming concepts

## Hardware

- Mac / Windows laptop

## Software

- To be provided



## About Wei-Meng Lee



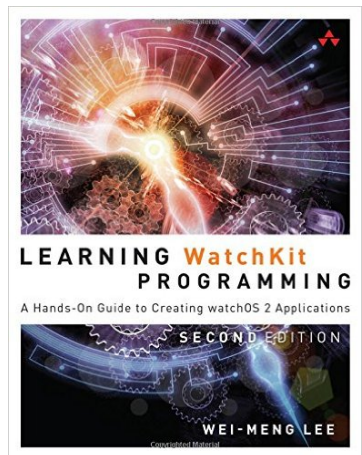
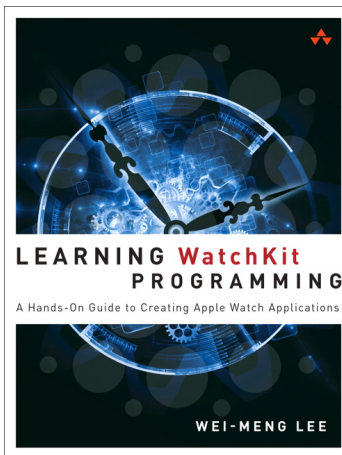
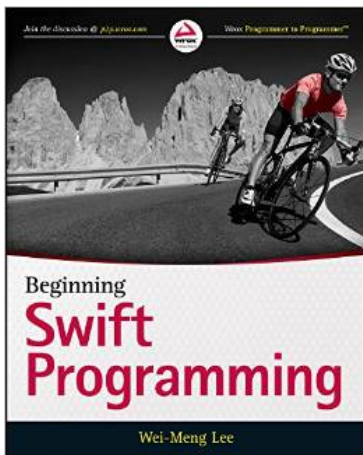
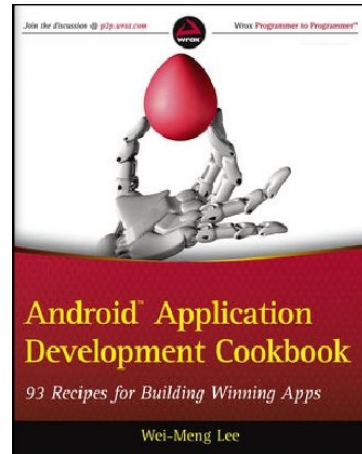
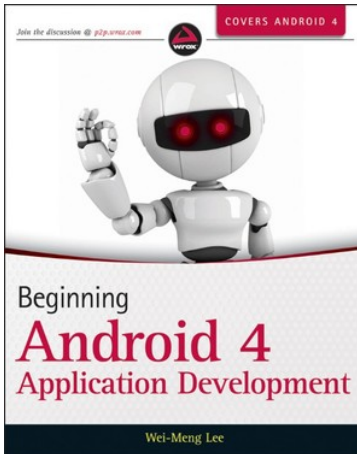
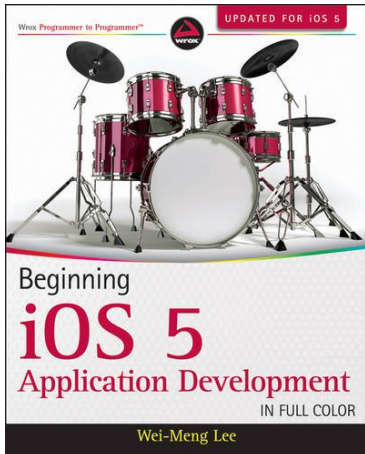
Wei-Meng Lee is a technologist and founder of Developer Learning Solutions (<http://www.learn2develop.net>), a technology company specializing in hands-on training on the latest mobile technologies. Wei-Meng has many years of training experiences and his training courses place special emphasis on the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

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Participant Information	Amount
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Name: Email:	S\$
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### 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.

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

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Date