



# IOS001 – 2-Day iPhone Programming for Kids

*In this 2-day workshop, you will learn the fundamentals of native iPhone programming using the Xcode. You will understand basic concepts such as Views, View Controllers, Protocols and Delegates, as well as the tools that help you to develop compelling iOS applications – Xcode. You will then dive into the details of programming the iPhone, such as how to invoke the built-in applications and access the hardware of the iOS device. While both the iPhone (as well as iPod touch) and the iPad uses the same OS, this course will focus on programming for the iPhone. Beginners who want to get started with iPad programming should start with this course.*

**This course teaches the techniques professional iOS developers use to write their apps. However, the focus is more on the projects, rather than the coding. The aim is to encourage kids to develop an interest in programming.**

## Topics

- Introduction to Xcode
- Exploring the Different Application Templates
- Using the iOS Simulator
- Understanding Outlets and Actions
- Understanding Views and View Controllers
- Handling Text Inputs
- Files Handling
- Using the Table View
- Implementing Application Settings
- Database Programming using SQLite
- Invoking Built-in Applications
  - Phone
  - Safari
- Simple Animations



### Prerequisites

- Familiarity with Mac OS

### Hardware Requirements

- Mac running Mac OS X 10.10 or later
- *iPhone/iPod touch/iPad (optional)*

### Software Requirements

- Xcode 6 or later
- *Enrollment in the paid iOS Developer Program (optional)*



## 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.

Wei-Meng Lee is also the invited speaker for the following recent conferences:

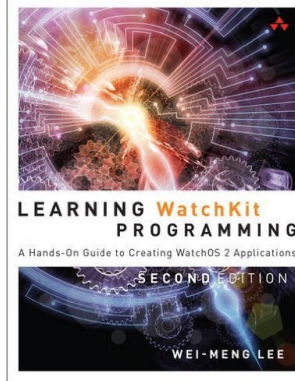
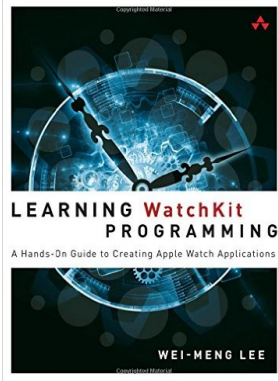
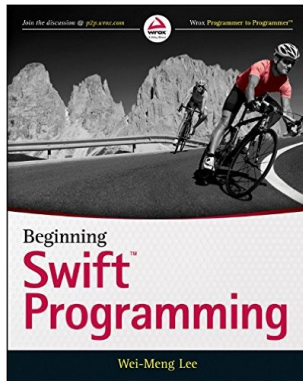
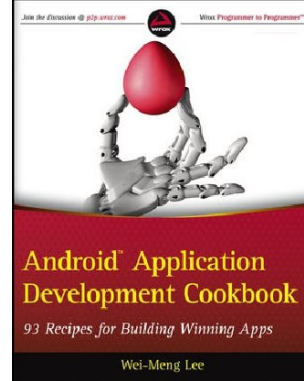
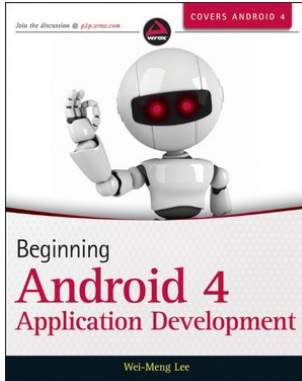
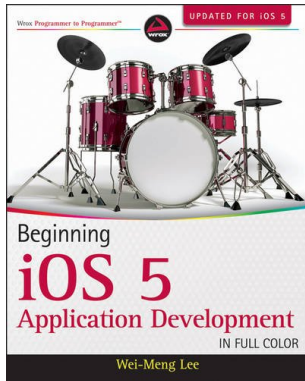
- Mobile Connections, April 17-21 2011, Las Vegas, USA
- DevTeach/MobileTeach, May 30-June 3 2011, Montreal, Canada
- DevTeach/MobileTeach, May 28-June 1 2012, Vancouver, Canada

## Some of Our Clients

- Agency for Science, Technology and Research (A-STAR)
- Apple Singapore
- AXS Pte Ltd
- Centre for Strategic Infocomm Technologies
- Inland Revenue Authority of Singapore (IRAS)
- Institute of Technical Education
- KPMG
- Microsoft Singapore
- Ministry of Defence
- Nanyang Polytechnic
- 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](mailto:weimenglee@learn2develop.net)

### Billing Information

Name			
Designation			
Company			
Mailing Address			
Office Tel	Mobile	Fax	
Email			

Course Title: \_\_\_\_\_ Date: \_\_\_\_\_

Participant Information	Amount
Name: Email:	S\$
Name: Email:	
<b>Grand Total S\$</b>	

### 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