

IOT203 – Machine Learning using Azure Machine Learning Studio and R

In this 2-day workshop, you will be introduced to Machine Learning using the Microsoft Azure Machine Learning Studio. You will learn what is machine learning, and how it can be useful to your organization. You will also learn the various machine learning algorithms and work through some real-life examples.

Topics

- What is Machine Learning?
- Types of Machine Learning Algorithms
 - Classification
 - Anomaly Detection
 - Regression
 - Clustering
 - Reinforced Learning
- What is Predictive Analytics?
- Introduction to Azure Machine Learning Studio
- Creating Experiments in Azure Machine Learning Studio
 - Uploading Data
 - Data Filtering and Cleansing
 - Defining Data Features
 - Applying a Learning Algorithm
 - Evaluating the Model
- Introduction to R Programming
- Using R in Azure Machine Learning Studio
- Projects
 - Predicting student performance
 - Detecting cancer
 - And more...



Prerequisites

- Basic programming experience
- Understanding of basic object-oriented programming concepts

Hardware

- Mac / Windows laptop

Software

- Azure Machine Learning Studio (online)



About Wei-Meng Lee



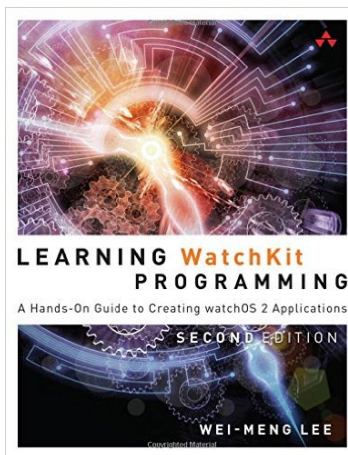
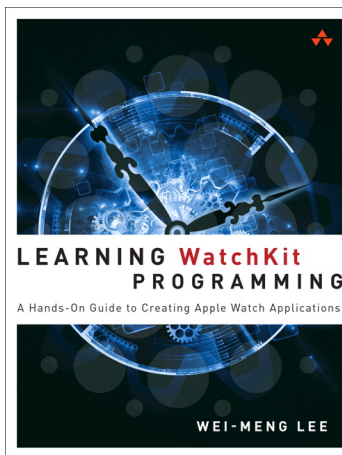
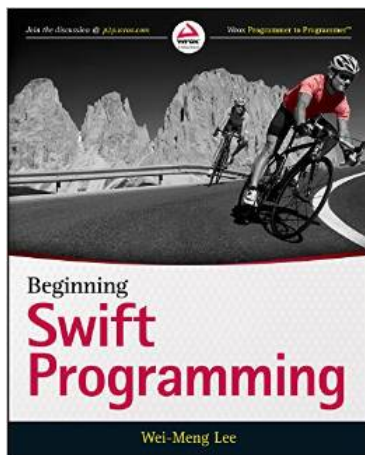
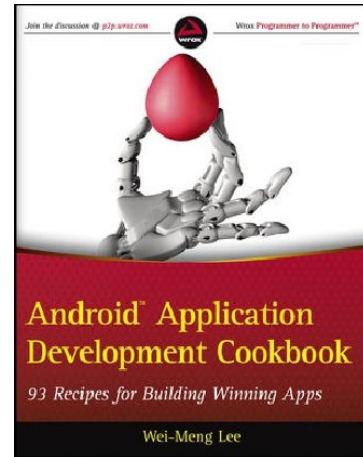
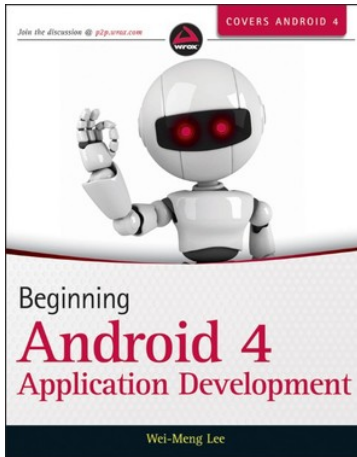
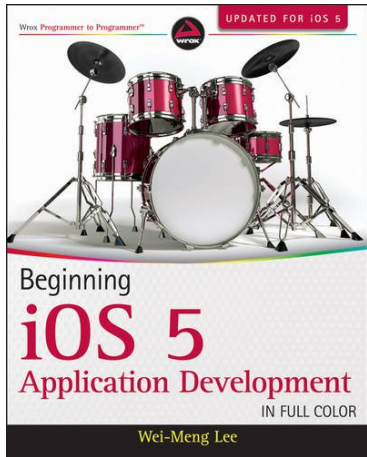
Wei-Meng Lee is a technologist and founder of Developer Learning Solutions (<http://www.learn2develop.net>), a technology company specializing in hands-on training on the latest mobile technologies. Wei-Meng has many years of training experiences and his training courses place special emphasis on the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

- 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 Defense
- 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

Billing Information

Name			
Designation			
Company			
Mailing Address			
Office Tel	Mobile	Fax	
Email			

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.

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