

Anson Liang

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about

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Vancouver, BC
Canada

ansonliang.com
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App Store:
goo.gl/XGxCdJ

languages

English
Mandarin
Cantonese

programming

Java, Python
Swift, C/C++, Matlab
SQL, HTML, CSS

interests

Challenging computer science problems in mobile, machine learning and computer vision applications

experience

- 05–12 2015 **Centre of Global eHealth Innovation, Toronto, ON** Internship
Developed Android application for patients with chronic disease.
- 2013 - 2014 **IBM Cognos, Ottawa, ON** Software Developer
Developed and maintained the Cognos administration web portal.
- 05–08 2012 **IBM Extreme Blue, Toronto, ON** Internship
Developed a feature evaluation tool for DB2 to accelerate the sale process.
- 05–12 2011 **Broadcom Corporation, Richmond, BC** Internship
Supported software solutions for enterprise IP phones and multimedia tablets.

education

- 2014 - 2015 **M.Sc. in Applied Computing** University of Toronto
Relevant courses: Foundations of Computer Vision, Introduction to Machine Learning, Advanced Mobile UI, Human Computer Interaction
- 2008 - 2013 **B.A.S. Engineering Physics** University of British Columbia
Specialized in Electrical Option

awards

- 2013 **Winner of the IBM Mobile Hackathon Event**
Created a mobile application for Canadian Toy Testing Council.
- 2013 **Roy Nodwell Memorial Prize**
Created a mobile-to-mobile video streaming service for EPIC WheelS.
- 2010 **1st in 10th Annual Engineering Physics Robotics Competition**
Created the fastest and most reliable line-following robot in the competition.

Projects

- 2015 **Road Estimation** <https://github.com/ansonliang55/Road-Estimation>
Applied machine learning techniques to estimate where the road is in the sample images.
- 2014 **Sparky Home Automation** <https://goo.gl/VfTyLZ>
Developed an Android application to control the Spark Core home automation with gestures.
- 2014 **Computer Vision Projects** <https://github.com/ansonliang55/computer-vision>
Experimented with various computer vision techniques: photometric stereo, robust estimation, particle filters, and eye detection.