

Ivon Liu

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Education

Stanford Pre-Collegiate Summer Institutes

Stanford University, California — July 2015

- Completed Artificial Intelligence program
- Familiar with search and machine learning algorithms

Massive Open Online Courses

Coursera, Various Universities — June-October 2014

- Completed 3 course specialization in Mobile Cloud Computing With Android (offered by University of Maryland and Vanderbilt University)

Moscrop Secondary School

Burnaby, BC — Currently enrolled in Grade 12

Completed Courses

- | | |
|---------------------------|-----------------------|
| • AP Chemistry | • AP Calculus BC |
| • AP Physics C: Mechanics | • AP Computer Science |

Current Courses

- | | |
|-----------------|---------------------|
| • AP Biology | • AP Psychology |
| • AP Literature | • AP Macroeconomics |
| • AP Statistics | |

Experience

Intern to Principal Engineer, D-Wave Systems

Burnaby — August 2015

- Increased accuracy, efficiency and functionality of automated cryogenics testing robot
- Able to quickly learn and utilize unfamiliar programming languages

Software Developer, JimPath

Burnaby — October 2014-Present

- Core designer of user interface/experience
- Wrote 40% of front-end application code

Teacher Assistant, Math Potentials, PIMS

SFU — December 2013-Present

- Enhanced students' understanding of challenging new concepts
- Provided one-on-one help with students for difficult problems
- Proactively recognized students' needs to provide corresponding support

Skills

Programming

- Proficient in Java and Android app development
- Experience with Javascript, HTML, Swift, Python, R, Matlab, and Perl
- Published 6 apps on Google Play Store
 - Total 40000+ downloads
 - Average rating 4/5 stars
- Creator of Moscrop Secondary's official app

Languages

- Fluent in Mandarin Chinese

Music

- First alto saxophone in Jazz and Concert bands
- RCM level 8 piano

Awards

2015

- Top student of the year for AP Calculus
- Qualified for American Invitational Mathematics Examination

2014

- Top student of the year in Chemistry 11 Honours with 100% final grade
- Top student of the year in Math 10/11 Honours with 100% final grade
- Qualified for American Invitational Mathematics Examination

2012

- Ranked third in the province at Math Challengers
- Captain of Moscrop Secondary School's Math Challengers team
- Represented Team BC at the annual MathCounts Intramurals
- Qualified for American Invitational Mathematics Examination