

University of Waterloo  
3B Computer Science

**David (Hao) Xue**  
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## Technical Skills

- Highly proficient in C++, C, Java, Python, HTML, CSS, SQL
- Working knowledge of Objective-C, JavaScript (Backbone.js, jQuery), Scheme
- Experienced with tools such as Android Studio, Xcode, Git, Vim, MongoDB, Bash

## Work Experience

### Wish – Shopping Made Fun

San Francisco, CA

#### Software Engineering – Product (Intern)

May – August 2015

- Worked on many areas of the Wish product, world's leading mobile shopping app with over 100 million users, including Android, iOS, web frontend, server API, and backend processing
- Developed major new features for Wish's Android and iOS apps, such as new signup and checkout flows, and oversaw their successful release
- Solely implemented a complete redesign of the wish.com website
- Used: Java, Objective-C, Python, JavaScript (Backbone.js), HTML, CSS, MongoDB, Hadoop

### Pivotal Labs

Toronto, ON

#### Agile Engineer (Intern)

September – December 2014

- Developed the core features of the new Pivotal Tracker Android app, an agile project collaboration tool, while using TDD practices and increasing the unit test suite by 150%
- Used: Java, Objective-C, SQL

### SAP

Vancouver, BC

#### Software Developer in Test (Intern)

May – December 2013

- Worked on frontend and backend of a new content management web app for SAP Lumira
- Implemented and helped design a desktop application installer for Windows and Linux
- Used: C++, Javascript, HTML, CSS, Python, SQL

## Projects ([github.com/david-xue](https://github.com/david-xue))

**Chess (C++)** – a full chess game in C++ with a GUI built using the X11 graphics library and a minimax AI

**Personal Website** (HTML, CSS, Javascript) – Built using Bootstrap and hosted on Github Pages

**Scrabble (C++)** – a Scrabble game with an Allegro graphics library GUI featuring human and AI play

## Education

### Candidate for Bachelor of Computer Science, Co-op

2012 – 2017 (expected)

University of Waterloo

Waterloo, ON

Cumulative Average: 92%

## Awards

- Dean's Honours List in all academic terms September 2012 – Present
- Math Faculty Entrance Scholarship, University of Waterloo September 2012 – Present
- President's Scholarship of Distinction, University of Waterloo September 2012