

Steven Xu

4TH YEAR COMPUTER SCIENCE

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Education

University of Waterloo

HONOURS BACHELOR OF COMPUTER SCIENCE, CO-OP, GERMAN MINOR

Waterloo, ON

2013 - 2018

Experience

Shopify Inc

SOFTWARE ENGINEER

- Currently an intern on the Point of Sale iOS team.

Ottawa, ON

Sep 2017 - Dec 2017

The Meet Group (formerly if(we))

IOS SOFTWARE ENGINEER

- Decreased number of compiler warnings from 200+ to 0; kept it at 0 forever by investigating and building features on Buildasaur, an open source continuous integration tool using ReactiveSwift.
- Designed and developed various on-device debugging tools, including an A/B Testing manager that allows ad-hoc switching of variant assignments. Dramatically increased team productivity.

San Francisco, CA

May 2017 - Aug 2017

Wattpad

IOS DEVELOPER

- Conducted various experiments with A/B Testing, increased average story reading time by 5%.
- Promoted adoption of Swift and Auto Layout; cleared engineering roadblocks.
- Built lite mode on Android for internal hackathon which could save more than 50% data usage.

Toronto, ON

Sep 2016 - Dec 2016

WeMesh Inc

IOS SOFTWARE DEVELOPER

- Reduced memory usage from 150MB to 70MB; saved ~60% cpu usage by profiling with Instruments; fixed a memory issue in an open source library.

Kitchener, ON

Jan 2016 - Apr 2016

Projects

Steven in Berlin

KRAMDOWN

- A travelogue built with Jekyll, documenting my German-speaking experiences in Berlin as part of GER 298: Cultural Studies.

berlin.sxu.ca

Apr 2017

Eastern T

SWIFT, ALAMOFIRE, NODE.JS

- Simultaneous interpreting voice translation app. Developed with Speech framework new in iOS 10.

[git.io/viAlx](https://github.com/viAlx)

Sep 2016

MyoMuse

SWIFT, JAVA

- Play music based on your running tempo detected by Myo armband.

[git.io/v20XC](https://github.com/v20XC)

Feb 2016

Activities

2017 **San Francisco Marathon (Half)**, Top 43.11%

San Francisco, CA

2016 **Waterloo Marathon (Half)**

Waterloo, ON

2016 **WaterlooHacks**, 1st Place

Waterloo, ON

2016 **Hack The North**

Waterloo, ON

Skills

Proficient Swift, Objective-C, Java

Familiar node.js, jQuery, PHP, C, C++

Tools git, Jenkins, Vagrant, Docker, Heroku, EC2, LAMP stack