Steven **Xu**

4TH YEAR COMPUTER SCIENCE

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Education

University of Waterloo   *Waterloo, ON*
HONOURS BACHELOR OF COMPUTER SCIENCE, CO-OP, GERMAN MINOR   *2013 - 2018*

Experience

Shopify Inc   *Ottawa, ON*
DEVELOPER INTERN   *Sep 2017 - Dec 2017*
- Currently an intern on the Point of Sale iOS team.

The Meet Group (formerly if(we))   *San Francisco, CA*
SOFTWARE ENGINEER INTERN   *May 2017 - Aug 2017*
- 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.

Wattpad   *Toronto, ON*
ASSOCIATE ENGINEER, IOS (INTERN)   *Sep 2016 - Dec 2016*
- 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.

WeMesh Inc   *Kitchener, ON*
SOFTWARE ENGINEER (INTERN)   *Jan 2016 - Apr 2016*
- Reduced memory usage from 150MB to 70MB; saved ~60% cpu usage by profiling with Instruments; fixed a memory issue in an open source library.

Projects

Steven in Berlin   *berlin.sxu.ca*
KRAMDOWN   *Apr 2017*
- A travelogue built with Jekyll, documenting my German-speaking experiences in Berlin as part of GER 298: Cultural Studies.

Eastern T   *git.io/viAlx*
SWIFT, ALAMOFIRE, NODE.JS   *Sep 2016*
- Simultaneous interpreting voice translation app. Developed with Speech framework new in iOS 10.

MyoMuse   *git.io/v20XC*
SWIFT, JAVA   *Feb 2016*
- Play music based on your running tempo detected by Myo armband.

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