

Stephen Li

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github.com/trinovantes

Skills

C++, LLVM, JS, Node.js, Backbone.js, HTML, CSS, Python, Django, Flask, MySQL

Education

Master of Mathematics (MMath)

University of Waterloo

2016 – 2019

Waterloo, Canada

- Wrote thesis on automating programming assignment grading through static analysis with LLVM
- Worked as teaching assistant for various CS courses (concurrency, operating systems, introductory CS)

Bachelor of Software Engineering (BSE)

University of Waterloo

2011 – 2016

Waterloo, Canada

- Graduated with distinction

Internships

C# Developer

Rocscience

Jan 2015 - Apr 2015

Toronto, Canada

- Designed interface for extruding tunnel faces
- Optimized UI responsiveness when working with large 3D CAD models

iOS Developer

Lookout

May 2014 - Aug 2014

San Francisco, USA

- Automated detection of text truncation due to internationalization
- Investigated ECDSA signature verification on iOS

JIT Developer

IBM

Sept 2013 - Dec 2013

Markham, Canada

- Improved JIT compiler's generated code performance on POWER8 architecture
- Implemented debugging utility to assist with using GDB

Android Developer

500px

Jan 2013 - Apr 2013

Toronto, Canada

- Built homepage, gallery, and user profile for Android tablets

Web Developer

Pilot Interactive

May 2012 - Aug 2012

Toronto, Canada

- Built websites for clients with CodeIgniter, WordPress, Backbone.js
- Converted PSDs to HTML web pages