
Skills

- Strong programming foundation in Python, Java and Javascript from past co-op positions and projects, with moderate exposure to C/C++, and C#.
- Good understanding of algorithms, data structures and design patterns

Work Experience**Yelp Inc.** - San Francisco, CA, United States

July 2017 - Current

Software Engineering (Fullstack)

- Backend Python development to support new features on the iOS and Android Yelp apps
- Ported existing photo lightbox to the React framework
- Worked with different data storage systems including MySQL, Redshift, and Amazon S3

Yelp Inc. - San Francisco, CA, United States

September - December 2016 (Current)

Software Engineering Intern

- Developed features for the Yelp homepage using Python and Cheetah.
- Refactored asynchronous code to improve performance.

IBM Canada Limited - Ottawa, ON, Canada

January - April, September - December 2015

J9 Tooling Developer

- Developed and maintained features of an internal continuous integration software to speed up various test management processes for multiple teams.
- Participated in a company hackathon that aimed to help the local community with new technologies.

SMART Technologies Inc. - Calgary, AB, Canada

May - August 2014

Software Developer

- Contributed to the ellipse drawing tool, the annotation attribution feature, and developed a mobile client prototype for a collaborative whiteboard web application.
- Automated testing with the Jasmine/Karma frameworks under Node.js.
- Participated with a team in a company-wide hackathon and was one of the two winning teams.

InfoMax Technologies Corp. - Markham, ON, Canada

September - December 2013

Junior Programmer/Tester

- Developed the majority of features in an Android application that enables rendering and editing of forms defined in a custom XML schema.
- Worked with another co-op student to resolve code conflicts and bugs under tight deadlines.

Sandbox Software Solutions - Guelph, ON, Canada

January - April 2013

Junior Web Developer

- Created websites for clients using a proprietary content management system of the company.
- Received supervisor's acknowledgement for high project quality and on time deliveries.

Education**University of Waterloo** - Waterloo, ON, Canada

2012 - 2017

Bachelor of Applied Science, Honors Computer Engineering

Extracurricular**Riot Games API Challenge**

April 2015

- Created a web application that periodically polls data from the Riot Games API, then analyzes and presents said data to the user (https://github.com/dennistu1994/api_challenge).