

PATRICK POTOK

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SKILLS

PROGRAMMING LANGUAGES: C++, C#, C, Java, Javascript, SQL, Python, Lua, BASH, MATLAB, Scheme

WEB TECHNOLOGIES: React, Backbone.js, AngularJS, HTML5, CSS3, jQuery, Bootstrap

TOOLS: Git, Subversion, Jenkins CI, Docker, Gulp, npm

EXPERIENCE

Google

Software Engineering Intern · May 2016 to Current · Los Angeles, CA

- Implemented tool in Java that validates the configurations and security of an environment in Amazon Web Services
- Took on responsibility of owning project by making important design decisions and writing design documentation
- Learned how to utilize and interact with various Amazon Web Services through their console and SDK
- Adapted quickly to Google's strict coding standards and internal tools/resources used for development

AdRoll

Full-stack Engineer · Aug 2015 to Dec 2015 · San Francisco, CA

- Worked on improving and maintaining web application developed using Backbone.js framework
- Created new front-end components in React such as a slider input
- Investigated and resolved bugs in back-end code written in Python
- Set-up and configured deployment process for front-end application using Docker and Jenkins CI
- Made meaningful contributions to product that helped substantially increase revenue

Investment Technology Group

Algorithmic Trading Developer · Jan 2015 to May 2015 · Toronto, ON

- Implemented new features for securities trading software that directly impacted clients
- Debugged and fixed issues within trading algorithms written in both C# and C++
- Interacted with client support team to assist in resolving production issues
- Gained valuable knowledge on financial markets and securities trading
- Wrote Lua test scripts for features that I implemented

Bazaarvoice

Test Automation Software Developer · May 2014 to Aug 2014 · Austin, TX

- Built automated test suite for an API; tests written in Java using TestNG framework
- Introduced and configured Gatling load testing tool to test performance of API endpoints
- Assisted in manually testing various applications and reported bugs into JIRA backlog

EDUCATION

University of Waterloo

Candidate for Bachelor of Computer Science, 2012 - 2017

- Economics Minor
- Term Dean's Honour List Winter 2014
- Cumulative Average: 82.5%

AWARDS

Grade 12 Computer Studies Award, St. Edmund Campion S.S.

Jun 2012

ECOO-CS (Educational Computing Organization of Ontario) Programming Contest Finalist

May 2012