

Samuel Yang

Student, Developer, Artisan.

<https://syang.ca>

Contact

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Summary of Qualifications

- > 4 years of experience in programming, specializing in full stack web development with LAMP, MEAN, and other stacks
- > Object-oriented developer emphasizing modularization and scalability
- > Focused on writing performant code and optimizing existing code
- > Proven ability to work in both team-based and solo environments
- > Knowledgeable in both Agile and traditional development methods
- > Well-versed in RESTful API architecture design

Work Experience

Software Developer | OpenText May 2018 - Aug. 2018

- > Developed scalable, enterprise grade web applications with J2EE
- > Upgraded legacy Flash technology to modern web standards, improving overall performance and security
- > Implemented a cache system that reduced page load time by 95%
- > Removed code redundancies to reduce memory usage by 88%

Web Developer | nvision Feb. 2016 - June 2016

- > Built fully functioning, responsive websites on top of the WordPress.org core with HTML5, CSS3, and JavaScript
- > Ensured browser compatibility, especially with Internet Explorer 9
- > Took the lead on solo projects while also contributing to team efforts
- > Designed and implemented mobile views where necessary

Projects

Discord Bot Apr. 2017 - Mar. 2018

- > Developed a configurable Discord bot with discord.js that can identify and respond to user commands
- > Created an external feature management system allowing pluggable functionality, such as playing music or managing permissions
- > Integrated with the YouTube API to collect song and playlist data
- > Wrote tests for and automated the build process with CircleCI

Awards

Governor General's Academic Medal - Bronze June 2017

- > Awarded to one student graduating with the highest average

University of Toronto National Book Award June 2017

- > Awarded to a student demonstrating superior academic performance, intellectual exploration, and community involvement.

Technical Skills

Code Quality and Control

SVN • Git • GitHub • CircleCI

Languages and Frameworks

HTML5 • CSS3 • JavaScript
SASS • Foundation 6
Node.js • Express.js • EJS
jQuery • Angular • React
Laravel • Wordpress • PHP
Java • J2EE • C • Racket

Databases

PostgreSQL • MySQL
Firestore • MongoDB

Cloud Services

Heroku • Amazon EC2

Virtualization

Vagrant • VirtualBox

Education

University of Waterloo

Sept. 2017 - April 2022

Bachelor of Computer Science

Markville Secondary School

Sept. 2013 - July 2017

Specialist High Skills Major:

Information and

Communications Technology