Samuel Yang

Student, Developer, Artisan
http://github.com/Optykan

Contact

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Profile

I'm a first year computer science student with a background in **web development**. My belief is that **responsive design comes first**, while keeping **performance and reliability** in mind. I work well on both **team and solo** projects, with demonstrated **communication skills**. Looking forward to the next challenge!

Work Experience

Web Developer @ nvision   Feb. 2016 - June 2016

> Used web-standard technologies such as CSS3, HTML5, and JavaScript to design fully functioning, responsive sites.
> Built client-facing sites with the Wordpress.org core, available at http://unionvilleskatingclub.com and http://avantelandscaping.com.
> Interpreted Photoshop and Sketch designs to design mobile versions
> Participated in daily Scrum meetings to ensure projects were completed on time

Technical Skills

Code Quality and Control
Git • GitHub • CircleCI

Languages and Frameworks
HTML5 • AJAX • JSON
CSS3 • SASS • Foundation 6
JavaScript • Node.js • Express.js
Gulp.js • jQuery • React
PHP5 • Laravel • Wordpress
Java • C • Racket

Database Management
PostgreSQL • MySQL
Firestore • MongoDB

Cloud Services
Heroku • Amazon EC2

Virtualization
Vagrant • VirtualBox

Projects

Discord Bot   April 2017- Present

> Utilized discord.js to develop a configurable Discord bot that responds to user commands
> Created an external feature management system allowing for pluggable functionality, such as playing music
> Integrated with the YouTube API to collect song and playlist data

TeachAssist Scraper   June 2016- Feb. 2017

> Developed a web scraper with PHP and the cURL library to retrieve student data from official sources
> Built a responsive interface with HTML5 and SASS to display scraped data in a visually appealing manner
> Created a local cache utilizing cookies to ensure availability in the event that official sources are temporarily offline

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

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.