Tyler Pham

590 Spadina Ave Unit 3, Toronto, Canada, M5S2H2

(647)-588-6829 | phamtyler94@gmail.com | tylerpham.github.io | tylerpham | phamtyler

Education

University of Toronto   *Toronto, Canada*

CANDIDATE FOR B. SC. COMPUTER SCIENCE SPECIALIST   *2012 - Present*

Experience

Environment Canada   *North York, Canada*

SOFTWARE DEVELOPER INTERN   *May 2015-Sept 2016*

- Redesigned and reimplemented the previous web application used by clients to modify the company data to a more maintainable, modular and user friendly iteration, using *Bootstrap and PHP*.
- Ingested raw data from new sensors by creating Java programs utilizing regular expressions.
- Updated and debugged broken *Java* applications in various locations within the company software pipeline.

Technical Projects

JOBRADAR [UOFTHACKS IV]   *Jan 2017*

- In a team of 5 built a web app to display all current job postings around the users specified location based on their preferences.
- Utilizing the API from Indeed and Glassdoor, used *Python* to pull and reformat incoming data to be used by our web app.

KIDZNATION OFFICIAL WEBSITE   *Jan 2017*

- Increased publicity and awareness of the KidzNation afterschool program by designing and creating an attractive website, utilizing *Jekyll* and *Bootstrap*.

NOTES4U   *Dec 2016*

- Created the front end activities of a request based real time notetaking *android* application complete with its own API
- Modularized the front end code for readability and efficiency.

LIQUID ASSETS OFFICIAL WEBSITE   *Nov 2016*

- Using the *WordPress* CMS created an informational website that increased awareness and public's exposure of the Liquid Assets brand around the University of Toronto's campus.

SLIDING BLOCK PUZZLE SOLVER   *Feb 2015*

- Created a *Python* program utilizing the A* searching algorithm to solve any 8 traditional sliding puzzle in the most efficient way.

ONLINE CONNECT 4   *Feb 2015*

- Designed and implemented an online version of the classic game of "Connect 4" using *HTML, CSS, JavaScript and PHP*.

Extracurricular Activities

Roman Commerce Liquid Assets Dragon Boat Team   *Toronto, Canada*

ASSISTANT CAPTAIN | TRAINER   *2015-Present*

- Responsible for planning and execution of the team's socials, fundraisers, and training regime.
- Act as a liason between the team and all of its external partners.
- Committed 6 hours weekly to the training and development of the team.

Jody Moon's Yujo Mixed Martial Arts   *Stroud, Canada*

MARTIAL ARTS INSTRUCTOR | SUMMER CAMP COUNSELLOR | PARKOUR INSTRUCTOR   *2011-2013*

- Instructed small-medium sized classes of children in mixed martial arts and parkour.
- Responsible with the care and safety of students.

Languages

Java, Python(Django), C, HTML, CSS(Bootstrap),
JavaScript (React.js, jQuery, Node.js), PHP, SQL, Bash, R

Skills / Tools

Git, Android SDK, WordPress, Jekyll, LaTeX,
Adobe CS (Photoshop, Lightroom, Premiere)