AARON PERSAUD
SOFTWARE DEVELOPER

CONTACT

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SKILLS

LANGUAGES: Python, JavaScript, C++, C, Bash

TOOLS: Git, Linux/Unix, jQuery, MySQL, Docker

FRAMEWORKS: AngularJS, Node.js, Django, Bootstrap

PROJECTS

ROBOTUTOR (ROBOTUTOR.ME)

- Web study tool that helps students memorize questions/answers categorized by topic
- Uses a forgetting curve algorithm, and questions are asked in time to optimize information retention
- Built using Node.js, AngularJS, mySQL and Python

HACKTOGETHER

- Web platform that allows developers to find effective, like-minded teams during hackathons
- Ability to search for users by specific skill and allows users to showcase their completed projects
- Created using Node.js, MongoDB and AngularJS

BUCKETS

- Web application that groups nearby users who want to play pickup basketball
- Uses a clustering algorithm and the Google Geolocations API to group players
- Written in Python, Node.js, JavaScript and jQuery

EDUCATION

UNIVERSITY OF WATERLOO

Bachelor of Mathematics 2018

Minor: Computer Science

RELEVANT COURSES

- Data Types and Structures
- Networks and Distributed Computer Systems
- Applied Cryptography
- Object-Oriented Software Development

EMPLOYMENT

UNIVERSITY OF WATERLOO

WATERLOO, ON

WEB DEVELOPER · MAY 2016 TO AUG 2016

- Developed a dashboard in **AngularJS** that monitors cars during their manufacturing process and performance on the road
- Created elegant charts using charting frameworks such as **D3.js, C3.js** and **MetricsGraphics.js**
- Ported multiple components of the dashboard to **TypeScript**
- Wrote scripts to aid in the installation of the company's **Docker** containers
- Fixed issues on the company's website

UNIVERSITY OF WATERLOO

WATERLOO, ON

PYTHON/DJANGO DEVELOPER · SEP 2015 TO DEC 2015

- Implemented form template creation in **Django** with the ability for users to customize the templates with **HTML**
- Form goes through multiple workflows controlled by different groups and has the ability to return to previous stages
- Backend implemented in Django and frontend in HTML/CSS, **Bootstrap**, **JavaScript**, **jQuery**, and **AJAX**
- Forms can be modified, saved, deleted and are also **CSV exportable**

CANADIAN IMPERIAL BANK OF COMMERCE

TORONTO, ON

TECHNICAL SYSTEMS ANALYST · JAN 2015 TO MAY 2015

- Completed several Unix code deployments for various CIBC applications
- Performed multiple Java code deployments using Visual Studio
- Provided application support for the development teams using Autosys R11
- Worked on the front and back end of Feedhub 2.2, a secure file transfer application

INTERESTS

Table Tennis, Weightlifting, NBA, Batman, Dragon Boat Club, Data Science Club