Michael Reinhart

Michaelreinhart112@gmail.com
Cell: 613-331-2737

Objective

Motivated 4th year student at Queens University looking for a Computer Science developer position. My interests are around networking and integrating with cloud services.

Education

QUEEN'S UNIVERSITY   *Kingston, ON*
- Bachelor's in Computer Science with a specialization in Software Design   *Class of 2020*
- Certificate in Business from the Smith School of Business
- Amazon Web Services Certified Associate Solutions Architect and Cloud Practitioner
- Web, IOS and ARM 32-bit Microcontroller developer with various University Clubs

Experience

Windsor, CT
Internship - Voya Financial   *May 2019 – September 2019*
- Worked on a team of three to make multiple proof of concepts using AWS cloud services
- Created a fully scalable, database integrated, call center to answer simple customer questions
- Developed a flask app to organize, transcribe and play back recorded customer calls

Kingston, ON
Developed RFID badge system to monitor usage of machines   *September 2019 – Present*
- Working on a team of 4 to develop a secure, reliable badge system to control and track usage of several nanofabrication machines
- Will be working on the frontend design and implementation, database creation, network communications, and using multiple graphing and data analysis libraries to organize and analyze usage data
- Using raspberry pie's and RFID's with a Wiegand interface to connect to the network and communicate using the Apache Kafka streaming platform

Kingston, ON
Computer Vision HTML and CSS generator   *January 2018 - April 2018*
- Worked on a team of 7 using an Xbox connect camera that detects depth as well as colors
- Would categorize different header, image and paragraph HTML tags based on the height of boxes and position tags based on the physical location of the corresponding box on the ground

Kingston, ON
Software Developer for the Queen's Satellite Team   *November 2018 - January 2018*
- Worked on a STM32 ARM Cortex microcontroller, developed binaries to upload to the chip and signal lights to blink
- Worked with Docker and GitHub to effectively contribute to a group codebase

Technical Skills & Interests

Technical Skills: Microsoft Office (Word, Excel, PowerPoint), Python, Object Oriented Programming, Web development (HTM, CSS, JS, Bootstrap, Express/Node.js), AWS cloud platform, relational and non-relational database development, STM32 microchip coding with ROS integration, Docker, GitHub, Kafka, R, Alloy/SMV – for critical system modeling and checking, Jape, Wireshark networking interface
Personal Website: https://mreinhart1.github.io/
Interests: Running, reading, acquiring my private pilot's license
Volunteer Work: Special Olympics