FAISAL NAQAWEH

Phone: (647) 608 1963 | Email: faisal.naqaweh@uwaterloo.ca
LinkedIn: www.linkedin.com/in/faisal-naqaweh | Student ID: 20658734

PROFESSIONAL SUMMARY

- Proficiency in C++ built in over a year in experience with object-oriented design and pointers, as well as working knowledge with Java, Angular 5, HTML, Bash/Unix, and PowerShell
- Created an RC bot using an Arduino and a Bluetooth module in a class-wide competition, which won first place, voted on by a panel of professors based on design and presentation
- Working knowledge of Assembler attained through programming an ARM processor in the University lab, as well as familiarity with VHDL and FPGAs
- Fundamental understanding of microcontrollers, and curiosity towards embedded systems, developed through personal research and basic Arduino projects

WORK EXPERIENCE

TOYOTA MOTOR MANUFACTURING CANADA
Systems Engineering Group Student

Cambridge, ON
May – August 2018

Responsibility:
- To aid in the development of the internal Fixed Asset Management web application, as well as develop Kaizens to help improve company processes

Features Developed (using Angular 5, Java, and PLSQL):
- An Approvals Page along with the required approval-request workflow engine used to transfer assets between different locations in the plant
- A Transaction Log page to track the various actions taken regarding the company assets
- An Android application that launches the Web App using Custom Chrome Tabs, developed with Android Studio

Additional Accomplishments:
- Presented the Toyota Business Practice outlining a solution that would reduce ~400 hours/year using automation to the Admin Team General Managers (which they were quite pleased with)
- Created an executable with C to signal a flashing Andon light and buzzer when the asset scanning process encountered an error in SAP

BLACKBERRY LIMITED
Asset and Tools Administrator Student

Waterloo, ON
September – December 2017

Responsibility:
- To aid the Technical Leads, and enhance productivity through automating common processes using scripting technologies

Tasks Accomplished:
- Built the prototype for a new online corporate mailer system from scratch using C# and ASP.NET
- Automated processes such as the retrieval and presentation of information regarding vulnerable systems, the remediation of conflicting system hostnames, and reboot notifications, using Bash scripts and Windows PowerShell
- Configured the process responsible for setting the desired state for all Ubuntu assets, using Ansible and Ansible Run Analysis, in tandem with a MySQL database
- Created detailed documentation on Confluence regarding all scripts and processes, to ensure maintainability

EDUCATION

UNIVERSITY OF WATERLOO
Candidate for Bachelor of Applied Science, Electrical and Computer Engineering, 2B

Waterloo, ON
September 2016 – Present

Relevant Courses:
- ECE 222: Digital Computers
- ECE 250: Algorithms and Data Structures
- ECE 240: Electronic Circuits I
- ECE 242: Electronic Circuits II