Mohamed Mahmoud

Control Systems Enginner

I am a potential Control systems Engineer with a lot of self-motivation and initiative to continuously learn about new technologies.

mkm684@mun.ca ✉

709 771 - 0945 📱

St. John's, Canada 📍

linkedin.com/in/mohamed-k-mahmoud in

github.com/mkm684 ⓞ

EDUCATION

Bachelor of Computer Engineering
Memorial University of Newfoundland ⧉

01/2015 – Present   *St.John's, NL*
Graduating in 2019.
- Co-op Program - Fourth Year
- Memorial University $3000 Entrance Scholarship.

WORK EXPERIENCE

Customer Support Engineer
Nokia

01/2018 – Present   *Ottawa, ON*
Achievements/Tasks
- Worked with Network Virtualisation, Hypervisors and SDN-controllers.
- Recreated and Fixed customer problems in Nokia's Lab.
- Developed different bash and TCL scripts to automate tasks.
- Developed my knowledge of Networking and Routing .

Contact: Marjolaine Guay – Marjolaineguay@nokia.com

Full-stack Developer
Bluedrop Performance Learning

06/2017 – 09/2017   *St.John's, NL*
Achievements/Tasks
- Developed code using HTML5, JavaScript, Angular JS and Jasmine Unit tests.
- Developed SQL migration scripts and AWS S3 buckets.
- Worked with Docker containers and project images.
- Experienced using JIRA, Bitbucket and Git.

Contact: Donal Mac An Ri – donal@bluedrop.com

Software Developer
Verafin

09/2016 – 01/2017   *St.John's, NL*
Worked with international banks' Technical Departments in transforming data and resolving issues:

Achievements/Tasks
- Worked with SaaS and Amazon AWS S3 Buckets.
- Used PostgreSQL and SQL Server Management Studios.
- Worked in an Agile fast-based Environment.
- Advanced my experience with Java and attended software development meetings.

Contact: Ron Parrott – (709) 730-4373 | ron.parrott@verafin.com

Control Systems Engineer
Enginnering faculty, Memorial University

01/2016 – 05/2016   *St.John's,NL*
Initiated and completed the design of a Position and Speed Feedback Control System.

Achievements/Tasks
- Advanced my C++ skills and Control Systems Knowledge.
- Designed the system's circuit and PCB using Eagle CAD.
- Developed my soldering skills and experience with Oscilloscopes, power sources.

Contact: Siu O Young – 709 864 8345 | oyoung@mun.ca

SKILLS

Eagle CAD | PCB design	●●●●●
ATmega Assembly | Arduino	●●●●●
Quartus VHDL | ModelSim	●●●●○
AWS S3 buckets	●●●○○
SQL Query	●●●●●
Bash | TCL	●●●●○
MatLab	●●●●○
Junit test	●●●○○
Jasmine Unit test	●●●●○
Bitbucket | GitHub	●●●●●
Salesforce | Jira	●●●●●

EXTRACURRICULAR

MUN SAE AEROSPACE CLUB - Control Systems team lead (03/2017 – Present)
- Building the control system from scratch for the competition aircraft.

PARADIGM HYPERLOOP TEAM - Control Systems team member (04/2016 – 05/2017)
- Worked on different sensor testing, and developed controls for levitation.

HACKATHONS

Uotta Hack - University of Ottawa (02/2018)

Steel Hacks - University of Pittsburgh (02/2018)

Starters Hacks - Waterloo University (03/2018)

SF Hacks - San Francisco State University (03/2018)

LANGUAGES

C/C++	●●●●●
Java	●●●●●
Python	●●●○○
JavaScript	●●●●○
AngularJS	●●●○○
HTML5	●●●●●