

Mohamed Mahmoud

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



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St. John's, NL, Canada 📍

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github.com/mkm684 🐙

EDUCATION

Bachelor of Computer Engineering Memorial University of Newfoundland

01/2015 – Present

St. John's, NL

Graduating in May 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 – marjolaine.guay@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 Engineering 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

Electronics

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)

This was my first Hackathon

Steel Hacks - University of Pittsburgh (02/2018)

Developed an Application using Image recognition (OpenCV) to detect drivers eyes and altered them if they fall a sleep while driving.

Starters Hacks - Waterloo University (03/2018)

Created an IOT solution that reminds elder people of their daily pills to take. The application was powered by Amazon Alexa and Dragon board.

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

Created a custom dash-buttons to order a specific product from ebay or other online stores. The product is configured from an Android application

LANGUAGES

C/C++



Java



Python



JavaScript



AngularJS



HTML5



INTERESTS

Robotics

Mars Rovers

Automation

Travelling

Hiking

Swimming

Coding

IoT solutions

Latin Dancing

Space