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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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 Networks ↗

01/2018 – Present   *Ottawa, ON*
Achievements/Tasks

- Worked on JIRA tickets on a daily basis.
- Recreated and Fixed customer problems in Nokia's Lab.
- Developed bash and TCL scripts to extract tech-support files from customers' servers.
- Developed my knowledge of Network Function Virtualization.

Contact: *Marjolaine Guay – marjolaine.guay@nokia.com*

Full-stack Developer
Bluedrop Learning Networks ↗

06/2017 – 09/2017   *St.John's, NL*
Achievements/Tasks

- Developed code using HTML5, JavaScript, Angular JS and Jasmine Unit tests.
- Solve different bugs on the platform and add new features.
- Developed SQL migration scripts and Worked with AWS S3 .
- Worked with Docker containers and project images.
- Experienced using JIRA, Codeship, 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 to resolve problems and ensure redundant data transfer.

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 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.
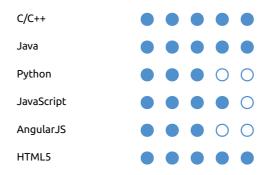
Starters Hacks - Waterloo University (03/2018)
Created an IOT solution that reminds elder people of their daily pills to take. The application was powered by Amazon Alexa and Dragon board.

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