Zein Hajj-Ali

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Objective

I am passionate about working in a field in which I have the capacity to truly make a difference in the world. I am always reading and learning about new subjects and technologies and am able to quickly pick up any other skills that may be needed.

Education

BACHELOR OF ENGINEERING | CURRENT – 4TH YEAR | CARLETON UNIVERSITY | OTTAWA, ON

- Major: Computer Systems Engineering
- Expected to graduate: December 2019

HIGH SCHOOL DIPLOMA | 2015 | INTERNATIONAL SCHOOL OF CHOUEIFAT | DOHA, QATAR

Skills & Abilities

SKILLS

- Java, C/C++, Python, x86 assembly, ARM assembly, Bash, Git, Android, Real-time systems, Software design patterns, Data Structures, Microprocessor systems, Technical writing

TECHNOLOGIES

- Windows, Linux, Android, FPGA, Raspberry Pi, microcontrollers (e.g. Arduino), NodeMCU (ESP8266)

LEADERSHIP

- De-facto leader of 4th year Computer Systems Design Lab project group
- Led my high school's robotics team to second place in the region's Botball competition in my senior year.
- Head of scout troop with The Scout Association. Participated in many events to do with environmental consciousness and charity drives. Helped with setting the world record for most clothes donated in 24 hours.

Projects

TEAM MEMBER | NORTHERN NOMAD SYSTEMS DEVELOPMENT & INTEGRATION

SEP 2018 - MAR 2019

- Github repo: COMING SOON
- Worked on COMING SOON

TEAM MEMBER | SELF-BALANCING ARDUINO BASED ROBOT – DESIGN LAB PROJECT

JAN 2018 - MAR 2019

- Github repo: https://github.com/ZeinHajjAli/4805-selfBalancingRobot
- Worked on self-balancing code, line following code, assigning tasks to team members.

TEAM MEMBER | THE CONNECTED MIRROR (COURSE PROJECT)

OCT 2017 - DEC 2017

- Github repo: https://github.com/ConnorMacKenzie/theConnectedMirror
- Worked on main Raspberry Pi, Arduino, as well as GUI.

References Available