

GUY MEYER

Interested in Systems Engineering (Hardware, Software, and Electrical working together)

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in linkedin.com/in/meyerguy

🔑 Golden Key Society Member
🐙 github.com/theguymeyer

EDUCATION

M.A.Sc. Computing and Software (HCI/HMI)

McMaster University - GPA 3.8

📅 Sept 2017 – Dec 2019

- Researched design methods of Human-Computer Interfaces
- Developed product from idea to testing - <https://bit.ly/2UnqH1Q>
- Lead evaluations for human factors and usability by children
- Recruited upper year students + community outreach
- Setup and maintained NodeJS servers

B.Eng. Mechatronics Engineering

McMaster University - GPA 3.7 (*summa cum laude*)

📅 Sept 2013 – April 2017

- Best Courses: Biomedical Instrumentation, Circuits, and Controls
- Team leader for Final Year Capstone Competition, where we built an autonomous pool table robot, and won first place

EXPERIENCE

Teaching Assistant (Team Lead)

McMaster University

📅 Sept 2017 – Dec 2019

📍 Hamilton ON Canada

- Lead tutorials/labs and coordinated the team of teaching assistants
- Developed LabVIEW heart simulator for live testing of pacemakers
- Created detailed documentation of the functionality of the pacemaker (NXP K64F + custom electronics shield)

Electrical Technician

AM Studio Lighting Inc

📅 May 2015 – May 2019

📍 Toronto ON Canada

- Soldering, transformer selection, and troubleshooting of light fixtures
- On-site installation + repairs
- Developed interactive showroom UI (Ruby on Rails)
- Participated in design shows (IDS Toronto)

Systems Test Technician

Navhouse Corporation

📅 May 2016 – August 2016

📍 Bolton ON Canada

- Test Inertial Navigation Systems (INS), power supplies and gyroscopes
- Performed semi-automated testing procedures on legacy electronics

Electronics Sales Associate

Bang & Olufsen (BEO Toronto)

📅 May 2014 – August 2014

📍 Toronto ON Canada

TECHNICAL SKILLS

JS-HTML-CSS Python C++ Git
Linux/Bash MultiSim MATLAB
LabVIEW CAD Arduino LaTeX
Web Routing Google Cloud

3D Printing Circuits Signal Analysis
Soldering Testing & Documentation
Schematics Learning New Skills

LANGUAGES

Hebrew & English

MOST PROUD OF

🏆 Active Intramural Athletics Member
Six years of varying intramural sports

🗣 Departmental Student Representative
Inaugural Position

🏆 Engineering Competition Winner
1st place in Capstone Competition

📖 Teaching Achievement
Outstanding teaching evaluations

VOLUNTEERING

BLV Day Meet-up (Director)
A day for students to learn about blindness

McMaster Student Researcher
W. Ross Macdonald School for the Blind

Weekly Activities Director
Life in Computing and Software (LiCS)

FUN FACTS

Loves basketball, frisbee, surfing, and to travel often

Strong Interest in Machine Learning (NN's)

Not afraid of being wrong

This resume was generated with LaTeX :)