GUY MEYER

Interest in software, electrical, and hardware interfaces

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 □ github.com/theguymeyer

+1 647-505-2040 in linkedin.com/in/meyerguy Golden Key Society Member

% www.guymeyer.me

EDUCATION

M.A.Sc. Computing and Software (accessible UI/UX Design) McMaster University - GPA 3.8 (publication in review)

₩ Sept 2017 - Oct 2019

- Researched design of accessible Human-Computer Interfaces
- Developed a web-based search engine UI for blind users
- Lead evaluations for human factors and usability by children
- Supervised several engineering teams developing assistive devices

B.Eng. Mechatronics Engineering McMaster University - GPA 3.7 (summa cum laude)

m 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 & Lab Coordinator McMaster University

m Sept 2017 - Dec 2019

- Refined assignments and requirements for multiple semester-long projects (120 - 180 students)
- Created detailed documentation of the functionality of the pacemaker (microcontroller shield) still used in the course today
- Developed LabVIEW heart simulator for live testing of pacemakers
- · Instructed labs and managed the team of teaching assistants

Electrical Specialist AM Studio Lighting Inc

May 2015 - May 2019

- ♥ Toronto ON Canada
- Consulted on electrical design and safety of light fixtures
- Developed interactive showroom UI (Ruby on Rails)
- Attended installations and on-site repairs
- Participated in design shows (IDS Toronto)

Systems Test Technician

Navhouse Corporation

May 2016 - August 2016

- P Bolton ON Canada
- Performed structured testing procedures to evaluate Inertial Navigation Systems (INS), power supplies and gyroscopes

Electronics Sales Associate Bang & Olufsen (BEO Toronto)

May 2014 - August 2014

▼ Toronto ON Canada

TECHNICAL SKILLS

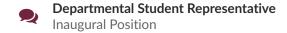
JS-HTML-CSS Python C/C++ **Google Services** NodeJS Git MATLAB LabVIEW Multisim Dart Rails 3D Modeling & Printing Testing & Documentation **Schematics Teaching & Tutoring** Accessible Design Sketching Soldering Brainstorming

LANGUAGES

English & Hebrew

MOST PROUD OF





Engineering Competition Winner
1st place in Capstone Competition

Teaching AchievementOutstanding 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

World-Class Minesweeper

Strong Interest in Cogenics and Machine Learning