

# GUY MEYER

Interest in software, electrical, and hardware interfaces

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🏆 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*)**

📅 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**

📅 Sept 2017 – Dec 2019

📍 Hamilton ON Canada

- 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

📍 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++  
Git Google Services NodeJS  
MATLAB LabVIEW Multisim  
Dart Rails 3D Modeling & Printing

Testing & Documentation Schematics  
Teaching & Tutoring Accessible Design  
Soldering Sketching Brainstorming

## LANGUAGES

English & Hebrew

## 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

World-Class Minesweeper

Strong Interest in Cogenics and Machine Learning