

EDUCATION

- **University of Michigan** Ann Arbor, MI
 - *Candidate for BSE in Computer Science, Class of 2022* *August 2018 -*
 - **Relevant Coursework:**
 - EECS 280:** Programming and Introductory Data Structures
 - EECS 281:** Data Structures and Algorithms
 - EECS 370:** Introduction to Computer Organization
 - EECS 376:** Foundations of Computer Science
- **The Loomis Chaffee School** Windsor, CT
 - *Diploma, Class of 2018* *September 2014 - May 2018*

TECHNICAL SKILLS

- **Languages:** C/C++, Python, Matlab, HTML/CSS, Javascript
- **Windows Powershell, Bash**
- **Git Version Control**
- **CAD:** Solidworks, Fusion360, OnShape, Sketchup, Creo
- **Microsoft Office:** Word, Excel, Powerpoint
- **Electronics:** Soldering, Breadboarding

EXPERIENCE

- **SnapCab Inc, Intern** Warrington, PA
 - *Assisted in the construction and installation of a new product, the SnapCab Portal.* *June 2017 - July 2017*
- **Michigan Dining, Cashier** Ann Arbor, MI
 - *Assisted customers and handled transactions as a sales clerk for Michigan Dining Services.* *Jan. 2020 -*

INVOLVEMENT

- **Michigan Mars Rover Team** Ann Arbor, MI
 - *Implemented AR Tag and obstacle detection as a member of the computer vision sub-team.* *August 2019 -*
- **UofM Intelligent Ground Vehicle Team** Ann Arbor, MI
 - *Utilized CAD to design and build a new chassis for the 2018-2019 season.* *August 2018 - May 2019*
- **FTC Robotics Team Captain** Windsor, CT
 - *Organized and led FTC Team 40 Hax Robotics (CT and VT state championship winners). September 2017 - May 2018*

PERSONAL PROJECTS

- **DJCrowd** (MHacks 2018): Platform for party hosts to crowd source their party music playlist from party-goers with an sms-based voting system.
- **KnockKnock** (Hack the North 2018): Front door system that notifies user of visitors, sending a picture and age estimate to a Fitbit.
- **Handy Robotics** (Senior Project 2018): Built a robotic hand that plays Rock, Paper, Scissors; built with 3D printed parts and programmed with Python, using OpenCV for image analysis.
- Other programming projects can be found here: <https://github.com/MxMossy>