

## Objective

---

I'm a recent graduate from McMaster University's Software Engineering program and I'm currently seeking employment. I'm particularly interested in web and mobile application development, as well as machine learning and data science. Before attending university I pursued mechanical technology in college from which I retain technical skills as well as professional experience. I enjoy running, cooking, and reading things on the web.

## Education

---

- **McMaster University** Hamilton, On  
*Bachelor of Engineering in Software Engineering (Embedded Systems)* *Graduated April 2020*
- **Mohawk College** Hamilton, On  
*Ontario College Advanced Diploma in Mechanical Engineering Technology* *Graduated April 2015*

## Software Projects

---

- **Personal Website:** A single-page web application that provides information about me and showcases my projects. I made it from scratch using React and I use AWS Amplify to deploy it. I plan on continually updating and improving the website as I learn new technology throughout my career. The website compliments my resume and is currently live.
- **Grocery Assistant:** An Android application that assists visually impaired people with grocery shopping using indoor navigation and voice communication. Indoor positioning is achieved using trilateration with distances approximated from the signal strength of Bluetooth beacons. Navigation uses Navigine's API. The voice interface uses AWS Lex. Also has a shopping list feature that stores the name and location of grocery items using AWS DynamoDB and AWS Lambda

## Programming Skills

---

- **Languages:** C, C++, Java, JavaScript, Python
- **Technologies:** AWS, Django, Git, React

## Work Experience

---

- **Carmeuse** Dundas, ON  
*Technician* *September 2014 - August 2015*
  - **SAP ERP:** Used SAP enterprise resource planning software to retrieve information for projects as well as purchasing. Cleaned up inventory database and maintenance schedule by removing redundant and obsolete items.
  - **Machine Part Master List:** Created a catalog of all parts on every machine at the plant. Used by maintenance as well as purchasing. Part of a larger project to reduce inventory by using common parts.
  - **Inventory Catalog:** Identified and labeled parts in storage, entered correct quantities into resource planning software. Identified obsolete parts that can be sold or scrapped.
- **Carmeuse** Dundas, ON  
*Co-op Student Work Placement* *May 2014 - August 2014*
  - **Preventative Maintenance Schedule:** Optimized preventative maintenance schedule to minimize the variance in required man hours per week. This increased productivity of maintenance staff as well as reduced money spent on third party contractors.
  - **Update MSDSs for WHMIS:** Retrieve and replace outdated material safety data sheets for hazardous products carried at the plant. Required contacting suppliers that were reluctant to publish the data sheets.

## References

---

- References are available upon request.