



# Alex Trudeau

## Software Engineering Student

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## EDUCATION

- **Software Engineering (Game Design) (Co-op)**  
McMaster University  
09/2015 – 04/2020 *Hamilton, ON*

## PERSONAL PROJECTS

- Tour Guide Android App (05/2017 – 09/2017)
  - Developed (and developing) an android app based on the Tour Guide Java Application project. Completed with Angular2 and Ionic 2.
- Speed Snap (07/2017 – 09/2017)
  - Developing an app for signage surveyors to easily take pictures and get measurements of the site area, and export all photos + measurements to PDF
- Tour Guide Java Application (01/2017 – 04/2017)
  - Created a Java Swing application that generated a tour route in a city based on user-inputted categories of interest

## WORK EXPERIENCE

- **Co-op Mobile Application Developer**  
BDO National  
05/2017 – 09/2017  
*Auditing & Assurance Firm*
  - Achievements/Tasks*
    - Responsible for developing a number of prototype mobile applications using Angular2 and Ionic 2 for Android and iOS
    - Used a variety of services, including Firebase Cloud Messaging, Firebase Database, Node.js, and various Google APIs
- **E-Commerce Web Developer**  
Array Strategies Incorporated  
02/2017 – 09/2017  
*Business Consultation Company* *Mississauga, ON*
  - Tasks/Achievements*
    - Designing and building an e-commerce webpage for an already existing website
    - Task to be completed with Firebase, Stripe, Node.js, JavaScript, HTML, CSS
- **Archeology Field Technician**  
Stantec  
05/2016 – 07/2016  
*Stoney Creek, ON*
  - Tasks/Achievements*
    - Following safety procedures and ensuring co-workers were following them as well
    - Screened for First Nations era artifacts in the presence of First Nations community representatives

## SKILLS & COMPETENCES

- Python 2.7 Autodesk Inventor Java Angular2
- Ionic 2 JavaScript HTML/CSS Critical Thinking
- Reliability JQuery Time Management
- Microsoft Office Collection SQL Queries

## ORGANIZATIONS

- McMaster Baja Racing Team (09/2016 – 09/2017)  
*Controls Sub-team Member*
- McMaster Engineering Recruitment Department (09/2015 – 09/2017)  
*Student Ambassador*
- Professional Engineers Ontario (09/2015 – 09/2017)  
*Student Membership*
- Ontario Society of Professional Engineers (06/2016 – 09/2017)  
*Student Membership*
- Engineering Students Societies' Council of Ontario (09/2015 – 09/2017)  
*Student Membership*

## INTERESTS

- Computer Programming Space Exploration
- Hands-On Construction Comic Books Cinema