

# Jeffrey Doan

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## Education

### McMaster University — *B.ENG, Software Engineering Student*

SEPT 2020 - PRESENT

- Relevant Courses: Data Structures and Algorithms, Object-Oriented Programming, Software Design, Databases, Computer Architecture
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## Skills/Assets

Java & JavaScript  
Python  
SQL  
C++/C#  
Dart

Web Development  
Microcontrollers  
3D Modelling  
Matlab  
Flutter

VS Code  
Autodesk Inventor  
Microsoft Office  
Github & Git  
Android Studio

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## Projects/Teams

### Sumo Bots Competitor (Team) — Team Leader

DEC 2021 - APR 2023

- Secured a commendable third place among participating teams from McMaster University and Mowhawk College
- Developed code in C++ for an Arduino for the team's pathing algorithm
- Implemented Circuit Designs, 3D-Modelling, and Coding Hardware Systems

### Trip Together — *Software Developer*

JAN 2023 - APR 2023

- Received a 100% score for the application's presentation and demonstration
- Actively collaborated with a team of software developers in developing a mobile carpool application that utilized Spotify API and robust login features
- Developed code in Flutter and Nodejs while utilizing Firebase for the database

### Engineering Integrated Cornerstone and Design — *Software/CAD Student*

SEP 2020 - APR 2023

- Ranked top 10% of all first-year engineering teams for our new recycling system design
  - Developed code in Python for a new surgical sterilization system
  - Collaborated with clients to engineer solutions based on requirements
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## Work Experience

### CERC@MARC — *Aerospace Research Assistant Intern*

MAY 2022 - AUG 2022

- Performed extensive research on aerospace and high-speed electric vehicles
- Proficient in utilizing the coding and software infrastructure for the company's microcontrollers

### Magna Polycon — *Summer Employee*

JUN 2021 - AUG 2021

- Worked on exterior automotive parts for Toyota and Lexus vehicles
- Gained experience working in a fast-paced environment while utilizing common hand and power tools