Jeffrey Doan

Email: jeffrey.a.doan@gmail.com **Phone:** +1 289-230-9727 **Location:** Burlington, ON
Website: https://doanj2.github.io/site/

Education
McMaster University — *B.ENG, Software Engineering Student*
SEPT 2020 - PRESENT

Skills/Assets

Java & JavaScript	SQL	Microcontrollers
Python	HTML	Github & Git
C++/C#	CSS	Microsoft Office

Teams
Sumo Bots — Technical Workshop Executive and Team Leader
DEC 2021 - PRESENT
- Directed and created custom workshops for C++ and Arduino implementation
- 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

McMaster Engineering Competition — Competition Lead Executive
JUN 2023 - PRESENT
- Designed and prepared the programming and consulting competition for hundreds of engineering competitors.
- Engaged in bi-weekly meetings, actively contributing feedback and insights that resulted in improvements across the executive sub-teams.

Projects
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 custom requirements

Work Experience
CERC@MARC — *Aerospace Research Assistant Intern*
MAY 2022 - AUG 2022
- Preformed extensive research on aerospace and high-speed electric vehicles
- Proficient in utilizing the coding and software infrastructure for the company's microcontrollers