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
- Relevant Courses: Data Structures and Algorithms, Object-Oriented Programming, Software Design, Artificial Intelligence, Digital Systems and Interfacing, Discrete Math

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Skills/Assets

Java & JavaScript	Web Development	VS Code
Python	Microcontrollers	Autodesk Inventor
HTML	3D Modelling	Microsoft Office
C++	Matlab	IntelliJ
SQL	Databases	Github

Projects/Teams

Sumo Bots Competitor — *Lead Software Manager*
DEC 2021 - PRESENT
- Responsible for coding, designing, and modelling the team's robot and pathing algorithm
- Experienced working with Circuits, 3D-Models, and Coding Hardware
- Primary communicator for all subteams due to one's diversity in these fields

Engineering Integrated Cornerstone and Design — *Software/CAD Student*
SEP 2020 - APRIL 2021
- 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
- Interacted with clients and engineered solutions respectively

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Work Experience

CERC@MARC — *Aerospace Research Assistant Intern*
MAY 2022 - AUG 2022
- Preformed extensive research on aerospace and high-speed electric vehicles
- Familiarized with the coding and software required for the company's microcontrollers
- Improved my ability to quickly grasp concepts by partaking in company meetings

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
- Quickly adapted to different tools and machinery in the facility

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