Brandon **Duong** Fourth Year Software Engineering Student

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♥ Mississauga, Ontario



Programming Languages

Python, Java, JavaScript, HTML, CSS, SQL, C#, C, Go

Frameworks, Libraries, and Tools

React.js, Node.js, Express, Django, Bootstrap, Git/Github, Latex, Redis, Docker, JUnit, Pytest

Databases

SQLite3, MySQL, MongoDB, Firebase

Developer Tools

IntelliJ Idea, Pycharm, Webstorm, Eclipse, Visual Studio, Unity, Gantt, Postman, Microsoft Of-



EXTRACURRICULAR

Pressure Destresser, Deltahacks VII, Full-stack 2021

- > Web app called Pressure Destresser which aims to bridge the gap between doctor and patient, and ease the stress and anxiety of said patient
- > Allows patients to upload their daily blood pressure to our database, graph them, and receive advice from their doctor
- > Worked in a team of 3 to brainstorm, design, and implement using Django along with HTML and CSS

2020 Virtual Coffee Shop, IVYHACKS, VIDEO GAME

- > Idea was to create an online 3D coffee shop where players could chat, move, and interact with each other over our hosted server
- > Worked in a team of 3 to brainstorm, design, and attempted to implement a video game using Unity, C#. and Blender
- > Great learning experience working in a group solely online

2020 Complain, Deltahacks VI, Front-end

- > Web app called Complain, of which allows users to upload pictures and messages about their real world complaints to our database and maps them
- > Worked in a team of 3 to brainstorm, design, and implement using HTML, CSS, Javascript, and Bing's Mapping API



EDUCATION

2022 Bachelor of Engineering, Software Engineering, McMaster University

- > Achieving a cumulative grade-point average of 3.9 on a 4.0 scale
- > Invited to Golden Key International Honour Society for achieving top 15% in the program

Personal Projects

2021 MyGameList, Full-STACK

- > Created and designed a web app that allows users to create and organize lists to score and review their favourite video games!
- > Thorough learning experience for MongoDB, Express, React, Node.js, strengthening ability to learn different stacks

2021 | Clicker Chat, Full-STACK

- > Working in a team of 3, created, designed, and fully documented a public asynchronous chat web app that also features a communal Clicker in each chat room
- > Includes problem statement, development plan, software requirements specification, test plan, module guide, module interface specification, and test report with work coordinated using Gantt chart
- > Thorough learning experience for SQLite3, HTML, CSS, Django, Redis, Docker, and Channels/Websockets

2020 JgDiff, Full-STACK

- > Created and designed a web app that reads, handles, and stores data regarding one of the most popular video games today, League of Legends
- > Implemented independently using MySQL, HTML, CSS, and Django, further developing web development practices, and database implementation and design