

MUSTAFA ABDULAMEER

Mississauga, Ontario

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An independent and self-motivated university student with proven knowledge in business, software development and mathematics, positioned to strongly contribute and innovate in the business and technology fields. Searching for internship opportunity.

TECHNICAL SKILLS

Languages: JavaScript, Python, C, Java, MATLAB, Excel, R, MongoDB Query, SQL

Developer Tools/Platforms: VS Code, GitHub Desktop, Heroku, DigitalOcean, MongoDB Atlas/Compass

Technologies/Frameworks: MongoDB, ExpressJS, ReactJS, NodeJS, Git

Other: Arch Linux, Paint.NET, L^AT_EX, Inkscape

COURSEWORK / SKILLS

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|--------------------------------|-----------------------|-----------------------|-----------------------------|
| • Data Structures & Algorithms | • Programming | • User Authentication | • Intro. Probability Theory |
| • Scientific Computation | • Database Management | • UI/UX Design | • Intro. Vector Calculus |
| • Intro. Object-Oriented | • Data Aggregation | • Data Analysis | |
| | • Web Development | • Intro. Economics | |

PROJECTS

SeatWatch [↗](#) | MongoDB, ExpressJS, ReactJS, NodeJS (MERN) Aug 2022

- Created a seat warning system for McMaster University students to use and fork for their needs.
- Course availability information for each is scraped periodically from the course catalogue, stored in Mongo collections, and subscribed users notified via email.
- Users can freely unsubscribe from all courses by clicking an email link or block to prevent spam abuse.

umati.me [↗](#) | MongoDB, ExpressJS, ReactJS, NodeJS (MERN) Aug 2021

- Created a **social news application** utilizing the MERN stack in the **Agile Feature-Driven Development (FDD) methodology** while leveraging React.js and the [React Material UI Library](#) to provide **native-like User Experience (UX)**.
- Features include customizing profile with custom Markdown (MD), group/user mentions, posting images and text to groups, adding rules to owned groups, engaging on comments/posts, receiving notifications on user activity, and more features posted in the [GitHub repository](#).

EXPERIENCE

McMaster Computer Science Society (CSS) [↗](#) Feb 2023 -
Academic Team Executive Hamilton, Ontario

- Co-hosted a review session for a discrete mathematics course for **47 students** and prepared an extensive list of supplemental questions and their solutions.

McMaster Engineering Recruitment [↗](#) Sep 2022 -
Student Ambassador Hamilton, Ontario

- As an Engineering Student Ambassador, volunteered to represent Computer Science at the Fall Preview and March Break events and organized **four tours** for **over 50** interested parents and students while answering relevant questions and concerns about the program.

EDUCATION

McMaster University Fall 2022 - Winter 2026
*Computer Science - **BASc*** Hamilton, Ontario

- Cumulative GPA: 3.75 (10.8/12.0)
- Technical Electives: Scientific Computation (COMPSCI 4X03)

University of Waterloo Fall 2021 - Spring 2022
*Honours Mathematics - **BMath** (transferred)* Waterloo, Ontario

- Cumulative GPA: 3.67
- Extensively utilized R in ECON 102 for plotting and data analysis.