

# MUSTAFA ABDULAMEER

Mississauga, Ontario

+1 (416) 543-5135 ✉ [mustafaabdulameer@gmail.com](mailto:mustafaabdulameer@gmail.com) 🌐 [4troll](#)

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, R, MongoDB Query, SQL

**Developer Tools:** VS Code, GitHub Desktop, NetBeans, Heroku, MongoDB Compass

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

**Other:** Paint.NET, Photoshop, L<sup>A</sup>T<sub>E</sub>X, Inkscape

## COURSEWORK / SKILLS

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

## PROJECTS

**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**.
- Translated Reddit's sort ranking into **MongoDB Aggregation Pipelines**, including [Lower bound of Wilson score confidence interval for a Bernoulli parameter](#).
- Leveraged React 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](#).
- [Live site here](#)

**Personal Site/Blog** | Vanilla JavaScript, HTML, CSS, MongoDB July 2021

- Created a **Single Page Application (SPA)** personal website using vanilla JS.
- Created minimalistic **Content Management System (CMS)** from scratch to assist myself in blogging.
- Created **nested comment system** facilitating comments, replies, and moderation removals.
- Secured said moderation action using hidden credential field.
- Other features include blog cards, thumbnails, and timestamps.
- [Live site here](#)

## EXPERIENCE

**McMaster Engineering Recruitment** 🌐 Sep 2022 -  
*Student Ambassador* Hamilton, Ontario

- As an **Engineering Student Ambassador**, volunteered to represent Computer Science at a Fall Preview event by discussing career and academic opportunities provided by McMaster Faculty of Engineering and Computer Science with parents and prospective students, along with assisting other recruitment efforts.

## EDUCATION

**McMaster University** Fall 2022 - Winter 2026  
*Computer Science - B<sup>A</sup>Sc* Hamilton, Ontario

- Technical Electives: Scientific Computation (COMPSCI 4X03)

**University of Waterloo** Fall 2021 - Spring 2022  
*Honours Mathematics - B<sup>M</sup>ath (transferred)* Waterloo, Ontario

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