

# Mohammed Haq

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## EDUCATION

### McMaster University

September 2020 – April 2024

*Bachelor of Science in Computer Science and Mathematics*

*Hamilton, ON*

- **CGPA: 3.7/4.0** - Entrance Scholarship (2020)
- Relevant Courses: Introduction to Programming, Discrete Mathematics, Introduction to Software Development, Data Structures and Algorithms, Logic for Computer Science, Automata and Computability

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++/C#, SQL, JavaScript, HTML/CSS, TypeScript

**Frameworks:** React, Node.js, Flask, Bootstrap, Flask, Express, AngularJS

**Developer Tools:** GitBash, Unix, VS Code, PyCharm, Eclipse, Doxygen, MySQL

## EXPERIENCE

### Data Analyst and IT Intern

May 2022 – Present

*McMaster University - University Advancement (UA)*

*Hamilton, ON*

- Analyzed alumni data sets using **Excel** and **Microsoft Power BI** to improve alumni engagement by over **30%**
- Developed **MySQL** database for department internal software to store employee login information
- Automated internal software access for on-boarded employees using **Microsoft Power Automate** and **Office**
- Administered and regulated departments passwords and sensitive information using **Bitwarden**

### Software Developer

January 2022 – April 2022

*McMaster FinTech*

*Hamilton, ON*

- Developing club website using **React**, **JavaScript**, **HTML**, **CSS**, and **GitBash** to increase club engagement
- Implementing relevant news page for club members using **Coindesk API** to increase membership sales by **50%**
- Designing page for club events section and implementing the design using **React** props for better user experience
- Organized analyst team to conduct research on user experience that increasing website clarity and user friendliness

### Full Stack Developer Intern

May 2021 – August 2021

*EnableApp Inc.*

*Milton, ON*

- Full-stack **.NET** and **C#** development for clients' web applications to ensure businesses' long-term success
- Used **Bootstrap5** to create company website – created design elements with **JavaScript**, **SCSS**, and **CSS**
- Deployed website using **Azure** cloud to increase company outreach in search engine result pages
- Participated in code review and client-side debugging using **MSTest**. reducing intermittent issues by **35%**

## PROJECTS

### ShareTrace | *Python, BeautifulSoup, Requests, Git*

September 2022

- Created a financial modelling tool which provides accurate and recent profile information about companies' stocks
- Developed webscraping capabilities using **Python** and the **BeautifulSoup** library
- Used **Requests** to make HTTP requests to website's API to pull relevant stock profile information
- Autonomously creates **Microsoft Excel** spreadsheet for the user to perform further financial analysis

### Endeavors | *React, JavaScript, HTML, CSS*

November 2022

- Developed web application with user-friendly interface to organize daily tasks and increase user productivity
- implemented local storage auto-saving capabilities using **JavaScript** to save user's input information
- Used **React** library to develop the front-end and interactive elements
- Created elegant and user-friendly design elements of the web application using **HTML** and **CSS**

## EXTRACURRICULAR

### Graphic Designer

May 2022 – Present

*Computer Science Society - McMaster University*

*Hamilton, ON*

- Designed logo and merchandise to establish the identity of the Computer Science Society at McMaster University