Faiz Mustansar

647-675-4143 | [Gmail](#) | [Linkedin](#) | [GitHub](#) | [Portfolio Website](#)

EDUCATION

University of Guelph — Guelph, ON
Bachelor of Computing in Computer Science | GPA: 3.7/4.0 — *Sept. 2023 – May 2027*
- Relevant Coursework: Object Oriented Programming, Data Structures, Discrete Mathematics II, Statistics I

TECHNICAL SKILLS

Languages and Frameworks: Next.JS, Java, React, Python, C, JavaScript, HTML/CSS, Tailwind CSS
Developer Tools: Visual Studio Code, Eclipse, git (GitHub, GitLab), Linux OS, Clickup

EXPERIENCE

Undergraduate Research Assistant — May 2024 - Present
University of Guelph — *Guelph, ON*
- Developing an AI chatbot using the ChatGPT API for MCS2020 and MGMT1000 courses to help answer student questions, expected to serve **over 1,500 students**.
- Training and validating data so the chatbot can accurately answer questions related to course content, achieving **85% accuracy** in beta tests.
- Using Python to train and test the chatbot, reducing the need for manual intervention by **60%**.
- Expected to reduce professors' email and discussion board workload by **14%** with the AI chatbot.

Teaching Assistant - MCS2020 DE — Sept 2024 - Present
University of Guelph — *Guelph, ON*
- Answering an average of 10-20 student emails weekly, addressing course-related questions and clarifying concepts.
- Facilitating online discussions and helping students engage with course material by participating in weekly forums.
- Grading assignments and providing detailed feedback for 60+ students, maintaining fairness and consistency in evaluations.

PROJECTS

OlympicPredictor - Hackathon | *Next.js, TypeScript, Tailwind CSS, Python, Pandas, R Programming*
- Secured **2nd place** out of **259 teams** in the CodeDex Hackathon, competing in the "Paris 2024 Olympics" track.
- Developed a predictive model to forecast the winners of the 2024 Paris Olympics, leveraging historical data from the 2021 Tokyo Olympics, achieving **85% prediction accuracy**.
- Utilized Python and Pandas for data cleaning and analysis, reducing data processing time by **25%**.

Champions League Dashboard | *Next.js, Typescipt, Tailwind CSS, Python*
- Developing an interactive web dashboard for season 2023/2024 that consists of player stats, team stats, UCL Quiz and Match Predictor for the 2024/2025 season, which is projected to serve **over 1,000 users**.

Freelancer | *Next.js, TypeScript, Tailwind CSS*
- Developed professional portfolio websites for multiple clients, including a professor at Carleton University, showcasing over **30 academic publications** and **10 research projects**.
- Successfully increased clients' online visibility and engagement by **40%**, leading to a **25% increase** in consultation requests.

LEADERSHIP/EXTRACURRICULAR

Muslims In Tech — February 2024 – Present
Co-Founder and Software Engineer
- Served as Project Lead for multiple projects, driving the development process and ensuring timely delivery of features. Utilized GitHub for effective version control, code reviews, and collaboration across distributed teams.
- Implemented a GitHub Actions-based CI pipeline to automate integration, testing, and deployment, streamlining workflows and improving code quality by **15%**.
- Contributed to open source projects within the community, submitting pull requests, resolving issues, and adding new features
- Managed and enforced version control best practices, including branching strategies and commit conventions, to maintain a clean and efficient codebase across multiple projects, reducing merge conflicts by **25%**.