

Faiz Mustansar

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EDUCATION

University of Guelph

Bachelor of Computing in Computer Science

Guelph, ON

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

- Building an AI chatbot using the ChatGPT API for MCS2020 and MGMT1000 courses to help answer student questions.
- Training and validating data so the chatbot can accurately answer questions related to course content.
- Using Python to train and test the chatbot through beta testing.
- Helping prepare and submit Research Ethics Board (REB) proposals, following ethical guidelines for research with human subjects.
- Using Python, NextJS, and Tailwind CSS to build interactive web applications and APIs with AI features.
- Expected to reduce professors' email and discussion board workload by 14 percent with the AI chatbot.

Software Developer

Feb 2024 - Present

Engineering Ambition

Guelph, ON

- Working with team members to come up with, design, and build software solutions using Next.js and React.
- Using Clickup for task tracking and GitHub for version control in project management.
- Creating responsive and visually appealing designs using Tailwind CSS.
- Following best practices in coding standards and version control using Git.

PROJECTS

Champions League Fantasy Dashboard | *Next.js, Typescript, API, MongoDB, Tailwind CSS*



- Developing an interactive web dashboard for fantasy football enthusiasts to track and manage their Champions League fantasy teams.

Leagueify | *Next.js, Typescript, Tailwind CSS*



- Developing a interactive web application for local league managers to keep track of standings, scores and statistics

Professor's Portfolio Website | *Next.js, TypeScript, Tailwind CSS*



- Developing a professional portfolio website for a professor at Carleton University to showcase their academic and research achievements.

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
- 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.