

MUHAMMAD TAIMOOR ALEEM

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Summary

- Highly motivated Computer Science student with a strong passion for Software Development.
- Seeking Internship / CO-OP opportunities in Software Development and available for up-to 12 months.

Skills

Programming Languages	HTML/CSS, JavaScript, TypeScript, Java, C/C++, C#, Python, SQL, L ^A T _E X
Libraries & Frameworks	.NET, ASP.NET Core (MVC / Web API), Spring Boot, React.js, Next.js, Express.js, Node.js, Flask, Bootstrap, Tailwind
Databases	Microsoft SQL Server, SQLite, MongoDB, Google Firestore

Experience


Software Developer Intern | *Skill Squirrel* | [Work Term Evaluation](#)  **May 2024 - Aug 2024**

- Successfully developed and integrated a Generative AI feature using Python and Microsoft Azure OpenAI API Service, allowing users to enhance badges using text prompts, enhancing user experience and product functionality.
- Led the research and development of an Augmented Reality extension using C# and Unity to integrate immersive technology solutions in Skill Squirrel's web-based platform.

Extra-Curricular Activities & Awards

- Serving the Sheridan Hackville Club as the VP of Technology, responsible for developing the back-end of the upcoming [Hackville 2025](#) hackathon event's website and integrating user-authentication with Discord OAuth2 API and data storage using MongoDB, while collaborating with the design team and ensuring its readiness for use by 300+ participants.
- Achieved the [Best UI Design](#) award at the 'Hackville 2024' hackathon by serving as the sole front-end developer.

Projects

Rihla Travels  | *ASP.NET Core MVC, C#, Bootstrap* | Academic **Dec 2023**

- Served as the group leader to oversee the development of a full-stack travel booking application.
- Undertook responsibility of developing the Flights section and crafting the UI of the application, achieving a 93% grade.

Dollar Sense  | *React.js, TypeScript, Flask, Python* | Academic **Apr 2024**

- Contributed to the development of a full-stack personal budget tracker website by developing a dynamic dashboard with React.js and Flask, utilizing RESTful APIs to process and display data in real-time.
- Implemented a machine learning model with scikit-learn to predict monthly expenses from transaction data, improving financial planning accuracy for users by analyzing historical spending patterns.
- Followed the complete Software Development Life Cycle, including design, development, testing, and documentation.

FinShare  | *ASP.NET Core Web API, C#, SQL Server* | Personal **Aug 2024**

- Developed a comprehensive backend-only application using ASP.NET Core Web API, to manage stock portfolios and user comments, implementing RESTful APIs, JWT authentication, and entity relationships.
- Utilized Entity Framework Core, asynchronous programming, and repository pattern to ensure efficient database interactions, dynamic sorting, and filtering, enhancing overall application performance and maintainability

Education

Honours Bachelor of Computer Science (Specialization in Data Analytics) **Sep 2021 – Apr 2026**
Sheridan College *Oakville, ON*

Relevant Coursework

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|----------------------------------|--|-----------------------------------|
| • Data Structures and Algorithms | • Operating Systems & Network Services | • Web App Design & Implementation |
| • Software Design | • OS Analysis & Design | • Enterprise Software Systems |
| • Software Engineering | | • Machine Learning Techniques |

Certifications

IBM Full Stack Software Developer Professional Certificate | *Coursera*

Mastering Data Structures & Algorithms using C and C++ | *Udemy*