

# MUHAMMAD TAIMOOR ALEEM

✉ [taimooraleem01@gmail.com](mailto:taimooraleem01@gmail.com)

in [/TaimoorAleem](https://www.linkedin.com/in/TaimoorAleem)

🐙 [/TaimoorAleem](https://github.com/TaimoorAleem)

🌐 [taimooraleem.com](https://taimooraleem.com)

☎ (416) 827 0507

## Skills

**Programming Languages:** Primary: C#, SQL, Python — Secondary: JavaScript, TypeScript, Java, C/C++, Golang  
**Frameworks:** .NET (including ASP.NET Core MVC & Web API), Next.js, Node.js  
**Databases:** SQL Server, Google Firestore, MongoDB, MySQL, PostgreSQL  
**Cloud Platforms:** Google Cloud (Cloud Run, Cloud Storage, Pub/Sub), Firebase, Azure, AWS  
**DevOps & Tools:** Git/GitHub, Jira, Azure DevOps, Docker, Postman, Figma

## Experience


**Software Developer Intern** | Dayforce | [Work Term Evaluation](#)  **Jan 2025 - Aug 2025 (8 Months)**

- Developing and maintaining APIs in C# / .NET, utilizing Entity Framework Core and SQL Server on Azure to support Dayforce Wallet integrations, and collaborating with cross-functional teams in an Agile environment.

**Software Developer** | Skill Squirrel | [Work Term Evaluation](#)  **May 2024 - Nov 2024 (7 Months)**

- Successfully developed a working prototype for a feature that incorporates Generative AI and prompt-engineering using Python; enhancing user experience and product functionality.
- Conducted extensive research within the realm of Augmented Reality and developed a proof-of-concept that demonstrates how instructors can visually teach skills to learners using immersive AR experiences.

## Projects

**AI Cricket Coach**  | *Python, OpenCV, Flutter, Google Cloud* | Academic - Capstone Project **Sep 2024 - Apr 2025**

- Served as the project leader to develop a mobile application that utilizes Computer Vision to track the ball trajectory and Machine Learning to provide personalized feedback for improvement to athletes to enhance their performance.
- Engineered a video analysis pipeline using Python and OpenCV to extract ball trajectory features and deployed the ML model and processing pipeline on Google Cloud for scalable, real-time inference.
- Built the mobile application using Flutter with Clean Architecture principles and implemented key software design patterns (Repository, Singleton, Factory) to ensure modularity, testability, and a maintainable code structure.
- Achieved First Place in the Capstone Awards across all specializations in the CS program, based on a comprehensive defense evaluation criteria including technical relevance, solution construction, feasibility, and suitability.


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

- Developed a server-side 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

**Buddy Finder**  | *Next.js, TypeScript, Spring Boot, Java* | Hackathon Project **Apr 2024**

- Single-handedly designed and developed the front-end to achieve the Best UI Design Award at Hackville 2024.

## Extra-Curricular Experience

**Outreach Team Lead** | Google Developer Groups on Campus - Sheridan College | [Chapter Page](#)  **Mar 2025 - Present**

- Leading outreach efforts to expand the club's network, identify potential collaborations, and build external relationships while representing the club's values and image, including having secured 2,500 CAD in total funding from Google.
- Collaborating with the Workshop and Social Media Leads to organize workshops, secure guest speakers, and promote student participation and engagement across events and social media platforms.

**Sponsorship & Logistics Team Member** | BearHacks 2025 Hackathon | [Event Page](#)  **Mar 2025**

- Served as a liason between the BearHacks Team and the GDG Sheridan Club to ensure efficient communication and collaboration; and created a spreadsheet that allows organizers to check-in participants and aggregate insightful data.

**Technology Lead & Sponsorship Team Member** | Hackville 2025 Hackathon | [Event Page](#)  **Sep 2024 - Jan 2025**

- Contributed to the development of the [website](#) by utilizing Webflow and ensuring its readiness for use by 250+ applicants, and successfully secured Google to sponsor our event.

## Education

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