

Saad Sahi

Full Stack Developer | Vice President External (MacEwan University Computer Science Club)

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Check out my e-Portfolio: <https://saaadsahi.github.io/my-portfolio/>

Skills:

- **Languages:** Python · C# · C · SQL · HTML5 · CSS3 · JavaScript
- **Frameworks & Tools:** .NET · Android Studio · Flask · Unity · Tableau
- **Databases:** MySQL · SQL Server · Data Modeling · Data Warehousing · ETL
- **DevOps & Testing:** Git · GitHub · CI/CD Pipelines · Unit Testing
- **Security & Networking:** Wireshark · Snort · Kali Linux
- **UX/UI & Design:** Figma · Adobe XD · Wireframing
- **Methodologies:** OOP · MVC · Agile/Scrum

Relevant Experience:

Freelance Developer, Life Tech Care:

- Developed and deployed a secure WordPress healthcare portal with a custom quiz engine and SQL Server backend in C#, boosting recommendation accuracy for 200+ users.

Open-source contribution, GitHub:

June 2023

- Enhanced an ASP.NET car-rental web app by adding C# and SQL modules, cutting average query times by 20% and integrating automated CI tests.

Hackathon, MacEwan University, Edmonton AB

November 2022

- Led a 3-person team to build a Flask-based calendar app (HTML/CSS/JS) with email reminders, winning 2nd place for UX excellence.

Volunteer:

Vice President External (Computer Science Club), MacEwan University

March 2023 – June 2025

- Cultivate and maintain relationships with external stakeholders, including industry partners, to enhance educational and professional opportunities for the student body.

- Organized 15+ tech events, elevating member engagement by 35%.

Open House Ambassador, MacEwan CS Dept

October 2023

- Welcomed 100+ prospective students, conducting live demos and boosting application inquiries by 12%.

Volunteer, Edmonton Unlimited Launch Party

October 2024

- Directed logistics for a 200+ attendee showcase, facilitating strategic partnerships between startups and investors.

Education:

Bachelor of Science

MacEwan University, Edmonton, Canada

Major: Computer Science | Minor: Economics

Relevant coursework:

- *Data Structures and Algorithms – Python, OOP:*

Developed an engaging **ETS interactive map** using Python, enhancing user experience by visualizing data in an intuitive and dynamic manner.

- *Relational Databases – SQL:*

Engineered a robust **car rental database** solution by seamlessly integrating SQL and C#.

- *Practical Programming Methodology:*

Developed a **C-language game** featuring three interactive levels.

- Introduction to Software Engineering – Android Studio:

Fully working **Tutor scheduling app** in Android Studio

- *Introduction to Computer Games. – Unity*

- *Introduction to Human Computer Interaction- Figma, Adobe XD*

- *Networks – Wireshark, Snort, Kali Linux*

- *Data Visualization- Tableau*

- *Database management system – Data warehousing, Visual studio*