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 ·Assembly

- **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:

Systems and Operations Support Coordinator, Vibe Parking Inc.   **September 2025- Present**

- Managed internal databases and digital payment systems to ensure accurate financial reporting, provided technical support for customer and system inquiries, and optimized workflows through automation and digital documentation tools.

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%.

Mobility Data Coordinator, Vibe Parking Inc.   **May 2024 – September 2025**

- Managed enforcement databases and operated T2 IRIS and Luke II systems to process violations, monitor lots, and ensure real-time data accuracy across cloud platforms

Freelance Developer, Life Tech Care: **October 2024**
- 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, 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.

Education:

Bachelor of Science MacEwan University, Edmonton
Major: Computer Science | Minor: Economics

Projects:

- *Data Structures and Algorithms – Python, Assembly, OOP:*
    - Developed an engaging **ETS interactive map** using Python, enhancing user experience by visualizing data in an intuitive and dynamic manner.

- *Relational Databases – SQL, Visual studio*:
    - Engineered a robust **car rental database** solution by seamlessly integrating SQL and C#.

- Software Engineering – Android Studio:

- ▪ Professional grade working **website** from scratch for a health startup company in Edmonton.

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

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

- *Network - Wireshark, Snort, Kali Linux*:
    - Designed and implemented a **secure mail transfer protocol** using Python with RSA and AES encryption, enabling reliable authentication, message delivery, and multi-client communication.

Volunteer:

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.