

# 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.

## 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.

### 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.

## PUBLICATIONS & MEDIA

- **The Globe and Mail** — “Vibe coding: How AI tools are changing software development”  
<https://www.theglobeandmail.com/business/article-vibe-coding-ai-tools-software-app-development/>
- **The Globe and Mail** — “Business Brief: We tried vibe coding with AI”  
<https://www.theglobeandmail.com/business/article-business-brief-we-tried-vibe-coding-with-ai/>