

Saad Sahi

COMPUTER SCIENCE STUDENT

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Skills:

- **Technological Proficiency:** Skilled in **Python, SQL, C, C#, HTML, CSS, Wireframing, GDD, Tableau, Kotlin, Wireshark, Snort** and experienced in *Microsoft Office Suite*
- **Database Management:** Efficiently handled complex databases using SQL, ensuring data integrity and security.
- **User Research:** Proficient in understanding user needs and incorporating feedback into product development.
- **Version Control Systems:** Experience with Git, GitHub, or other version control systems
- **UI/UX Design:** If relevant, include skills in user interface and user experience design, along with tools like Adobe XD, Sketch, or Figma.
- **Operating Systems:** Proficiency in different operating systems like Windows, macOS, Linux, etc
- **Unit Testing**

Education:

Bachelors of Science

MacEwan University, Edmonton, Canada

Expected to Graduate June 2025

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:*

Designed and developed a C-language game featuring three interactive levels, showcasing skills in game logic, user interaction, and programming proficiency.

- *Introduction to Software Engineering – Android Studio:*

Fully working Tutor scheduling app in Android Studio

- *Introduction to Computer Games. – Unity*

Developed an interactive game using Unity, demonstrating skills in graphics programming, physics engine integration, and animation.

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

- *Networks – Wireshark, Snort*

- *Data Visualization- Tableau*

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

Link to my [Personal e-portfolio](#)

Relevant Experience:

Hackathon, MacEwan University, Edmonton AB

November 2022

- Utilized HTML, CSS, and JavaScript to implement the core functionalities of the calendar application, including date management and reminder notifications.

Open-source contribution:

June 2023

Contributed to an open-source project focused on building a car rental website with database integration, using C# and SQL to manage database.

Volunteer:

Open House (Computer Science), MacEwan University

October 2023

- Engaged with prospective students and faculty, demonstrating projects, and discussing academic and career opportunities in the field, thereby honing my public speaking and event coordination skills.

Vice President External (Computer Science), MacEwan University

March 2023 – Present

- Cultivate and maintain relationships with external stakeholders, including industry partners, to enhance educational and professional opportunities for the student body.
- Lead initiatives to connect students with tech industry professionals, organizing events.