

Jason Christopher

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Education

University of Alberta

Bachelor of Science in Computer Science, Minor in Mathematics

Edmonton, AB

Sep. 2021 - Sep. 2025

Experience

Undergraduate Research Assistant

April. 2024 - Present

Department of Civil & Environmental Engineering

Edmonton, AB

- Developed an Android application in Java to enhance self-efficacy among older adults during commutes.
- Implemented a heat map feature to visualize potential stress level spikes, utilizing previously collected data.
- Aimed to improve commuting experience and reduce anxiety for the older community through intuitive user interface design and data-driven insights.

Heavy Equipment Operator

May. 2024 - Present

WestMet AG

Hanna, AB

- Proficient in operating various types of heavy equipment for earthmoving, demolition, and material handling tasks.
- Adhere to all safety protocols and regulations to minimize risks and ensure a safe working environment.
- Maintain detailed records of equipment usage, maintenance, and repairs. Report any issues or discrepancies to supervisors and contribute to continuous improvement efforts.

Event Coordinator

Jan. 2023 - Present

Indonesian Student Association (PERMIKA)

Edmonton, AB

- Collaborate with clients or internal stakeholders to understand event objectives, theme, and vision.
- Coordinate event logistics, including venue selection, decor, catering, entertainment, and technical requirements.

Projects

Twitter barebone app | Python, SQLite, Github

- Replicate Twitter's database management system

Bettr | Dart, Flutter, SQL

- Create personal development app with betting elements to add commitment

QRazy-scanner | Firebase, Java, Android-studio, Github, Agile, Scrum, UML, Figma

- Collaborate with 4 group members to develop a QR scanning application that quickly signs in users to events.

Technical Skills

- Git, PowerBI, SSH, HTML, CSS, Linux Kernel, MongoDB, SQL, NoSQL, tkinter, Microsoft Excel, Autodesk Maya, RISC-V(assembly), C, Python, Java, Javascript, pandas, matplotlib, Imagej, Flutter, Dart, UML, Figma