

Tom Altankhuyag

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Education

B.A.Sc in Software Engineering

September 2019 – April 2025

[University of Calgary](#)

- Recipient of Alexander Rutherford Scholarship and Jason Lang Scholarships

Awards & Recognitions

Intern of Merit

April 2024

[SMART Technologies & Engineering Career Centre](#)

- Awarded to interns who have made a significant positive impact on their team/company

Experience

Software Developer Intern

September 2022 – August 2023

[SMART Technologies](#)

- Collaborated with the Lumio Studio team to develop Lumio, an interactive and engaging web application loved and trusted by over **1.3 million** teachers
- Utilized tools and frameworks such as **Vue**, **Vuex**, **SCSS**, **Pug**, and **Jest** to develop, test, and debug features across the Lumio application
- Implemented **responsive UI** components compatible with modern browsers and devices
- Performed **live demonstrations** for new product features to company stakeholders
- Procured and designed technical documentation for new application features

Extracurricular

Digital Marketer

January 2021 – May 2021

[Unconventional Engineers](#)

- Produced and managed social media content for Unconventional Engineers, making over **+500 impressions** per post
- Participated in workshops and special guest lectures, ranging from **BioTech** to **FinTech** companies

Software Team

December 2019 – August 2020

[Schulich Space Rover Team](#)

- Proposed and tested a solution to sustain a live camera feed through a web browser powered by **Raspberry Pi 4**

Projects

RipLash | React, Node.js Socket.IO, Firestore, and OpenAI |

March 2024

- Developed a full-stack load-balanced web-based party game
- Established client-server connections using Socket.IO, with server failure-recovery implementation

MyTube | Vue, Pinia, Pug, SCSS, and YouTube Data API |

November 2023

- Leveraged **Google's YouTube Data API** to develop a custom YouTube video player, delivering uninterrupted playback
- Managed application state using Pinia, enabling users to seamlessly create and save custom playlists

Technical Skills

Languages: JavaScript, TypeScript, C++, C, Java, Python, HTML, CSS, and SQL

Frontend: Vue, React, Pug, Jest, Vuex, Pinia, and Selenium

Mobile: React Native and Expo

Backend: MySQL, Firebase, Node, Express, and Postman

Cloud Services: Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform

Collaborative Tools: Atlassian, Slack, GitHub, Git, and MS Teams

Certifications: Microsoft Azure AI Fundamentals and ProServe Liquor Staff Training (expires May 2026)