Tom Altankhuyag

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Education

B.A.Sc in Software Engineering   September 2019 – April 2025
University of Calgary

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

Azure AI Fundamentals   June 2024
Microsoft
- Credential ID: 9C19A15924BC03E3

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 web-based party game with load-balancing
- 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
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