

TOM ALTANKHUYAG

Software Engineering Student

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in Tom Altankhuyag

🔗 Portfolio

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🌐 TomAltankhuyag

EXPERIENCE

Software Developer Intern

SMART Technologies

📅 September 2022 – August 2023

- Collaborated with the Lumio Studio team to develop Lumio, an interactive and engaging web application for educators and students.
- Utilized tools and frameworks such as **JavaScript**, **Vue.js**, **Vuex**, **CSS/SCSS**, **Pug**, and **Jest** to develop, test, and debug features and functionalities across multiple code-bases.
- Implemented **responsive UI** components compatible with modern browsers and devices
- Procured **technical documentation** for new features.
- Performed **live demonstrations** for new product features across broad multi-disciplinary teams and clients.

PROJECTS

Portfolio

Vue.js, three.js, Pug, TypeScript, Bootstrap, SCSS

📅 December 2023

- Constructed personal portfolio web page using **Vue.js** & **three.js**.
- Experimented with web **3D graphics** by using a 3D graphics rendering library **three.js**.
- Applied computer graphics fundamentals during the implementation of the 3D scene.
- Explored various web-styling techniques to deliver a more visually appealing experience.

MyTube (Personal mini-project)

Vue.js, Pinia, Pug, SCSS, YouTube API

📅 November 2023

- Developed a web-based application that can play YouTube videos
- Leveraged **Google's YouTube API** to successfully implement the application.
- Built an in-app playlist functionality with the help of **Pinia** for **state management**.
- Deployed the application using GitHub's pages hosting services

ShowCase (Project Lead)

ReactJs, Node.js, Express.js, Postman & Google Cloud SQL

📅 April 2022

- Led a team of seven to develop an application that lets users create their own Portfolios
- Designed and **presented project deliverables** such as design diagrams, project check-ins, and project presentations.
- Composed the API endpoints using **Node.js** & **Express.js**.
- Scheduled meetings and deadlines for the team.

EDUCATION

B.A.Sc in Software Engineering

University of Calgary

📅 September 2019 - Present

TECHNICAL SKILLS

- JavaScript
- TypeScript
- Vue.js
- SASS/SCSS
- HTML & CSS
- Java
- C/C++
- GLSL
- Python
- Git
- Figma

PROFESSIONAL SKILLS

- Effective communicator
- Flexible and adaptable
- Independent worker
- Collaboration driven

EXTRACURRICULAR

Digital Marketer

Unconventional Engineers

📅 January 2021 - May 2021

- Managed social media marketing for Unconventional Engineers
- Participated in workshops and special guest lectures.

Software Team

Schulich Space Rover Team

📅 December 2019 - August 2020

- Tested and proposed a solution to sustain a live camera feed through a web browser powered by **Raspberry Pi 4**
- Configured the live feeds using **HTML** and **Python** on the Raspberry Pi system.