TOM ALTANKHUYAG

Software Engineering Student

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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, VueJs, Vuex, CSS/SCSS,PugJs, 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
VueJs, three.js, PugJs, TypeScript, Bootstrap, SCSS

📅 Dec 2023

- Constructed personal portfolio web page using VueJs & 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)
VueJs, Pinia, PugJs, SCSS, YouTube API

📅 Nov 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, NodeJs, ExpressJs, 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 NodeJs & ExpressJs.
- Scheduled meetings and deadlines for the team.

EDUCATION

B.A.Sc in Software Engineering
University of Calgary

📅 September 2019 - Present

TECHNICAL SKILLS

- JavaScript
- TypeScript
- VueJs
- 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

📅 Jan 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.