DAGVADORJ (TOM) ALTANKHUYAG

Software Engineering Student

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♦ Calgary, Alberta

ENGINEERING EXPERIENCE

Software Sub-team
Schulich Rover Team

📅 December 2019 – August 2020

- Vigorously tested and proposed a solution to sustaining a live camera feed through a web browser, with the use of a Raspberri Pi 4
- Configured a raspberri pi 4 and HTML to display a live double camera feed on screen

PROJECTS

ShowCase (Project Leader)
ReactJs, NodeJs & Google Cloud SQL

📅 April 2022

- Lead and developed an application where users can create portfolios with a group of seven
- Designed and presented project deliverable including design diagrams, project check-ins and project presentation
- Established and developed integration between the front-end and back-end using Google Cloud Storage, NodeJs REST API and ReactJs
- Set up group meetings, deadlines and vital tasks to individual members

Online Rental Property Management System
Java & MySQL

📅 Dec 2021

- Created a software that accommodates multiple unique users to run a system of property rental management structure.
- Planned and prepared the software using UML, System Interaction, Use Case, and System Activity diagrams.
- Developed and maintained the software's database using MySQL.

Flight-Seat Management System
C++

📅 June 2020

- Produced a flight seat management program using C++. Users can alter by adding or removing passengers.
- Implemented search feature where users can find necessary passenger details
- Integrated a feature where the system is able to save and load through parsing external files.
- Developed a simple but effective User Interface for users to view available seats in the flight
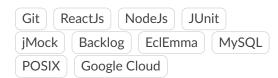
EDUCATION

B.A.Sc in Software Engineering
University of Calgary

📅 September 2019 - Present

LANGUAGES

Java   C/C++   JavaScript   Python
SQL   Processing   HTML/CSS

FRAMEWORKS, TOOLS AND ENVIRONMENTS

Git   ReactJs   NodeJs   JUnit
jMock   Backlog   EclEmma   MySQL
POSIX   Google Cloud

PROFESSIONAL SKILLS

- Excellent problem-solving
- Great time-management skills
- Flexible and collaborative
- Strong communication
- Able to work-independently

WORK EXPERIENCE

Canyon Creek Liquor Store
Retailer (Summer Job)

📅 April 2021 - Aug 2021

- Maintained and closed the store without supervision in shifts with 8 or more hours
- Took responsibility of handling, securing and storing end of day sale transactions and cash
- Studied and retrieved ProServe Certificate

Rancher's Poutine
In-Store Worker

📅 Jul 2018 - Mar 2019

- Worked as both customer and cooking service positions
- Cleaned the store to maintain health code standards
- Worked long shift hours from before opening hours until past closing hours