
TECHNICAL PROJECTS

FREN	React, CSS, MongoDB, Express, JavaScript	July 2021 – Apr. 2021
<ul style="list-style-type: none">• An app allows members to create a personal profile and use their input interests to recommend members with similar interests. Selecting a profile photo in the grid view will display the recommend member photo, as well as option to chat.• Implemented and designed register page UI.• Sent the new user's information from register page to the backend.• Built the chat UI and pop-up window in friends recommend page by using redux.		
Insight UBC Search Engine	TypeScript, JavaScript, REST	Jan.2021 – Apr.2021
<ul style="list-style-type: none">• A search engine that can effectively query the metadata such as past course averages and room capacity around campus.• Implemented the functions that check if a received query is in the correct EBNF from.• Built the functions that prepares data result with corresponding query request.• Implemented the web server's REST functions• Implemented function that contains logic for sending queries from the UI to web server.		
Blog Manager System	PHP, HTML, ORACLE, SQL	FEB.2021 – MAY 2021
<ul style="list-style-type: none">• An online blog platform's data management.• Designed the ER diagram and SQL DDL for the database.• Implemented initial SQL script for the database.• Developed backend executive functions with different SQL queries.• Ensured frontend HTML can interact with backend.		
Student Management System	Java, JavaFX	SEPT. 2019 – DEC. 2019
<ul style="list-style-type: none">• Developed an information storage system on students, professors and courses. All information was stored in text files as JSON objects.• Designed and built graphical user interface with JavaFX Scene Builder		

VOLUNTEER/COMMUNITY INVOLVEMENT EXPERIENCE

Floor Representative	Totem Park Residence Association	Sept. 2018 – May 2019
<ul style="list-style-type: none">• Helped plan events such as pancake breakfasts and movie night.• Collected feedback from residents and presented them in the weekly council meeting.		
Lobby Helper	China Citic Bank (Nanshan Branch), China	Aug. 2018
<ul style="list-style-type: none">• Helped bank clerks with document sorting and printing documents.• Assisted over a hundred people register for personal or business bank accounts.• Maintained the order in the busy time by guiding clients to different service desks based on their need.		

EDUCATION

University of British Columbia
<ul style="list-style-type: none">• Current 3rd year Computer Science Major• GPA 3.6

TECHNICAL EXTRACURRICULAR ACTIVITIES

<ul style="list-style-type: none">• UBC GAME DEVELOPMENT CLUB: Develop game with teammates as a programmer. Team project was awarded Best Graphic and Platinum Award in year-end showcase 2019 and 2020 respectively.
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