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EDUCATION

Simon Fraser University- *B.S. Computer Science*

Aug 2021- June 2026

PROJECT

Find you match web app (<https://p4-frontend-ikdh.onrender.com/>) - *Creator*

- Constructed a React-based web application, designing the UI in Figma and utilizing HTML, CSS, and JavaScript for a user-friendly experience in front-end development.
- Integrated MongoDB for structured user data storage
- Implemented a scalable architecture with MongoDB and deployed with Render.com, maintaining optimal performance through regular maintenance and updates.
- Designed algorithms to analyze user responses and identify compatible partners.

Sport Connect web app (<http://18.217.42.19/>) - *Developer*

- Collaborated within a four-member team, utilizing Git for version control, to design and develop a web app for NBA fans, offering comprehensive information about players and teams, along with the latest news and game schedules.
- Built Live Scores, Past Seasons feature which allows users to get the recent scores by team search and the past scores by year search using JavaScript and data fetching from *balldontlie API*
- Develop UI using HTML, CSS for the homepage, and subpage
- Deployed and maintained the website using AWS services

Lyrics Translate web app - *Creator*

- Built a local host web application using Python Flask app where users can search for lyrics of English songs using data fetch from *lyrics.ovh API* and artists and translate the lyrics.
- Integrated *Google Translate API* to implement translation feature

Learning Word Game - *Developer*

- Created a game app that uses a combination of audio and visual elements to enhance the user's interactive learning experience.
- Implemented algorithms to develop Play, Learn, and Setting features allowing individuals to acquire new vocabulary through images associated with audio using Python.
- Collaborated with Dr. Eldon Yellowhorn and the Peigan Board of Education in Lethbridge, Alberta.

COURSE

CMPT 225, CMPT 307 - Data Structures and Programming

Comprehend practical and important data structures including stacks, queues and lists; search trees; hash tables and algorithms; efficient sorting; object-oriented programming; time and space efficiency analysis.

SKILLS:

Language: C, C++, Python, HTML, CSS, JavaScript

Version Control: Git, GitHub

Database: MongoDB

Framework: NodeJS, Flask