

TYLER BEACH

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SKILLS

Proficient: Javascript, HTML, CSS, Python, C, SQL, Git

Familiar: C++, Java, NoSQL, Figma, Firebase

Libraries: React, React Native, Bootstrap, Streamlit

COMPETITIONS AND PERSONAL PROJECTS

FireSafe | *Python, HTML, CSS, Streamlit, TensorFlow, MongoDB and Several API's*

- Developed full-stack web application using Python, HTML, CSS and a python module framework Streamlit.
- Created a ForestFire alert system notifying those in vicinity of fire
- Placed in top 6 out of 200+ participants
- Developed under 48 hour constrain and delivered completed professional and functional product

Froggy Jumper | *Python, Pygame*

- Wrote a 2D side-scrolling game using pygame module in Python
- Used version control via GitHub to create updates for the game
- Learned the subtleties and details that creates a good user interface with pleasing aesthetics

Spotify Themed Portfolio | *HTML, CSS, JavaScript, React*

- <https://tylerbeach.vercel.app/>
- Duplicated Spotify web-player for personal portfolio
- Created with using React to allow for a responsive and fast application

EDUCATION

University of Alberta

Bachelor of Science in Computer Science

Edmonton, AB

Sept. 2020 - 2025

RELEVANT COURSEWORK

- Introduction to Software Engineering
- Data Structures and Algorithms
- Computer Architecture and Organization
- Programming Methodology in C
- Introduction to Machine Learning
- File and Database management with SQL