TYLER BEACH

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SKILLS

Proficient: Javascript, HTML, CSS, Python, C, Git
Familiar: Java, SQL, Julia, Figma, Firebase, Linux,
Libraries: React, React Native, Bootstrap, Tailwind, Streamlit

COMPETITIONS AND PERSONAL PROJECTS

FireSafe | *Python, TypeScript, HTML, CSS, Streamlit, TensorFlow, MongoDB*
- Developed a full-stack web application for climate activism hackathon
- Created a forest fire alert system notifying those in vicinity of a fire
- Developed under a 48-hour time constraint and delivered a complete, functional product
- Placed in top 6 out of 200+ participants

Spotify Themed Portfolio | *React, JavaScript, HTML, CSS*
- https://tylerbeach.vercel.app/
- Duplicated Spotify web-player design to create a personal portfolio
- Created with vanilla JavaScript and then recreated using React
- Mobile friendly and responsive to different device resolutions

Weather Web App | *React, JavaScript, Tailwind CSS, Axios*
- Created simple full stack weather app with Next.js
- Successfully integrated external weather data APIs, enabling real-time weather info
- Created an intuitive and visually appealing weather app interface with Tailwind CSS

Internship Web Scraper | *Python*
- Web scraped Linkedin and Indeed with python script using BS4 module
- Used an api to access gmail which sends new jobs to my email to create a more efficient process for internship applications

Froggy Jumper | *Python, Pygame*
- Wrote a 2D side-scrolling game using the pygame module in Python
- Used version control via GitHub to create updates for the game
- Learned the subtleties of creating a user-friendly interface with pleasing aesthetics utilizing 8-bit graphics

EDUCATION

University of Alberta   Edmonton, AB
   Bachelor of Science in Computer Science   *Expected 2025*
Relevant Coursework
- Data Structures and Algorithms
- File and Database Management in SQL
- Programming Methodology in C
- Machine Learning