JULKAR REEDOY

506-625-4737 | julkar_reedoy@sfu.ca | github.com/gunmack | linkedin.com/in/jreedoy/

Skills

Languages: *Python, C, HTML, CSS, Java, JavaScript, SQL*

Frameworks: *React, Tailwind, Flask, Bootstrap*

Tools: *Git, Linux, Microsoft Office*

Projects

Calculator web application (link)   **August 2024**

- Built a fully functional calculator web application using the Flask framework.
- Developed a dynamic user interface using HTML embedded within Flask components, allowing for seamless interaction between the user and the backend.
- Utilized regex functions to tokenize user input, enabling the program to efficiently parse and process mathematical expressions.
- Implemented essential calculator functionalities like the ability to clear the entire input as well as delete the most recent character entered, giving the user more control over inputs.

SFU Campus Timeline (link)   **Spring 2023**

- Designed a landing page with Next.js and Tailwind to present background information about the SFU campuses.
- Developed a comprehensive directory of HTML pages using Bootstrap CSS framework to categorize buildings with their respective campuses and opening dates.
- Integrated the Leaflet interactive map library to display approximate building locations on a pop-up map.
- Used Bootstrap elements to create interactive slideshows that let users view images of the buildings.
- Implemented a sticky navigation bar to let users navigate the website.

Python Image Processor (link)   **November 2021**

- Utilized Numpy and Pygame libraries to develop a user-friendly interface that allows users to perform advanced image processing.
- Created and integrated image filters like sepia, warm, cold, etc. that use pixel manipulation to let users process images as required.
- Used pixel manipulation to Implement image resizing capabilities for user uploaded images.
- Enabled functionality to let users save processed images to local storage using Pygame's built-in features.

Contributions

csss-site-frontend (link)   **August 2024**

- Became proficient with the existing React frontend architecture, gaining a deep understanding of its file structure and components.
- Developed a dedicated page for the CSSS common rooms, embedding images, SVG maps along with clear and organized tables for various refreshments available.
- Integrated the page into the existing directory of pages to ensure seamless navigation and functionality of the broader website.

csss-site-backend (link)   **August 2024**

- Familiarized with the existing backend API codebase, learning about its complex architecture and functionalities.
- Implemented a new database table using SQLAlchemy, ensuring a seamless integration of the table into the existing database schema.
- Performed database migration with new revisions using Alembic as well as modifying Alembic scripts to reflect changes.

Work Experience

Concession Attendant   **May 2023 - Present**

Playland at PNE, Vancouver, British Columbia

- Operated POS system with precision and accuracy while taking orders to facilitate seamless customer transaction experiences.
- Maintained open lines of communication with kitchen staff to relay customer orders promptly and accurately, ensured timely preparation and delivery.
- Utilized effective multitasking skills to seamlessly transition between front-end customer service and back-end kitchen operations as necessary to fulfill orders.

Education

Simon Fraser University   **September 2021 - Present**

- Bachelor of Science in Computing Science