

Objective

I am a full-stack software engineer especially interested in building magical mobile experiences, scaling systems up, and shipping reliable applications.

Projects

Relentless Fighter

- Created a local 2 player fighting game, inspired by the classic game "Street Fighter," using python object-oriented programming within pygame. Player 1 plays as the warrior with a fixed move and attack set that tries to take down player 2 as the wizard and vice versa

Technologies: Python, pygame

Github Repo: [Relentless Fighter](#)

2048 Game

- Recreated the popular game 2048 using pygame, which is a sliding block puzzle game where the objective of the game is to combine blocks of the same number and achieve the number 2048 before the grid fills out

Technologies: Python, pygame

Github Repo: [2048](#)

2 Player Chess!

- Developed a 2D 2-player local game of chess using pygame. This remake of the classic chess game allows you to play with another opponent using the same device.
- Took an object-oriented approach for this game for more consistent code maintenance
- Created animations, highlight selection for pieces upon user's turn, moveset indicator and a sidebar for captured pieces

Technologies: Python, pygame

Github Repo: [2 Player Chess](#)

Expense Tracker

- Built an interactive expense tracker where it displays the users, balance, income, expenditures and purchase history using the React library. The user manually inputs any income coming in or purchases and the tracker will display the total expenditure or gain and displays the history

Technologies: Javascript, React

Github Repo: [Expense Tracker](#)

Education and Certifications

- Santa Barbara City College**, Associates in Computer Science, 3.8 GPA **2019-2022**
- Flatiron School**, Certificate in Software Engineering, 3.8 GPA **2023-2024**

Technologies and Languages

- Languages: JavaScript, Python, React, HTML5, Java, CSS
- Technologies: Flask, RESTful API, AWS

- Developer Tools: Git, npm SQL

Area of Interest

Technology

- Full-Stack and Mobile App Development
- Data Engineering
- System Design and Engineering