

Tri Hoang | Denver, Colorado | 720-257-1269 | trihoang09@gmail.com
[LinkedIn](#) | [Github](#) | [Blog](#) | [Portfolio/Website](#)

FULL STACK DEVELOPER

U.S. Air Force Veteran and software engineer proficient in Python, React, SQL, Flask, and JavaScript programming with a background in meteorology. I have strong skills in team-building and project management that can support small to mid-sized tech startups in achieving streamlined development processes and fostering a collaborative work environment.

TECHNICAL SKILLS

Python, Flask, SQL, JavaScript, React, Bootstrap, TailwindCSS, HTML, CSS, CLI

TECHNICAL PROJECTS

Codehesive - [Github](#) | [Demo](#)

Collaborative code editor for frontend development that includes live coding, version control and forking feature

- Incorporated signup/login with validation using ByCrypt for a secure user experience
- Built easy to use code editor with Monaco for dynamic live rendering and an enhanced developer experience
- Streamlined database to have easily accessible data for pulling information using Flask and RESTful API
- Succeeded in creating a peer to peer room to have users collaborate in the code editor with WebRTC

Plannit - [Github](#) | [Demo](#)

Event planning web page with for people hosting and looking for events

- Incorporated signup/login with validation using ByCrypt for a secure user experience
- Created UI with dynamic rendering using Bootstrap framework to reflect the user data for unique user experience
- Implemented upload function using Cloudinary to give user's more customization options for their events
- Developed intuitive ways for users to create, join and edit their event listings for ease of use using Flask

CLI Pygame - [Github](#) | [Demo](#)

Command line program with a game incorporated and interactive scoring functionality

- Created CLI with Inquirer for keyboard functionality making it easier to interact with the program
- Devised methods to keep track of score for players to keep track their own scores and view overall highscores
- Combined CLI with a side scrolling game built with Pygame to have the game interact with a SQLAlchemy backend
- Empowered user with full CRUD functionality through user inputs in the CLI

E-Commerce Storefront - [Github](#) | [Demo](#)

Storefront made to sell portable gaming devices made to replicate a frontend for an E-commerce site

- Formulated frontend styling with Bootstrap to make a consistently themed and mobile responsive website
- Created a review section with live updates for the user to share their experience with other customers
- Established cart page with dynamic rendering based on customer's input with React Router

EXPERIENCE

Flatiron School

Denver, Colorado

Volunteer Teaching Assistant

11/2023 - 12/2023

- Supported a cohort of 27 students with developing individual projects and navigating the school's curriculum
- Assisted nine students with strengthening final projects and presentations by providing feedback and ensuring best possible product

U.S. Air Force

Vance AFB, OK

Weather Journeyman

07/2019 - 01/2023

- Maintained meteorological watch utilizing \$484K in communications equipment, satellite data, doppler radar, and UHF radio to provide accurate weather forecasts to the base
- Issued daily weather watches/warnings/advisories to protect 2500+ base personnel and \$1.3B in military assets
- Oversaw two weather apprentice airmen through certification process and trained them to become journeymen
- Presented weekend weather briefs and provided continuous support for cross country missions to ensure pilot safety

EDUCATION

Flatiron School

Denver, Colorado

Full Stack Web Development, Python, SQL, React, Flask and JavaScript program

11/2023

Community College of The Air Force

Keesler AFB, Mississippi

Associate of Science in Meteorology

07/2019