


Corey Hamren

CONTACT

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 github.com/TheHamhams

[Personal Portfolio](#)

SKILLS

Databases:

DBeaver, ElephantSQL, Insomnia,
Postman, PostgreSQL, SQLAlchemy

Frameworks:

Bootstrap, Flask, JSON, Jupyter
Notebook, Redux, React, Rusted
API's, Unity, .NET

Languages:

C#, CSS, HTML, JavaScript, Python,
Ruby, TypeScript

Tools/DevOps:

Auth0, Firebase, Github, Heroku,
Numpy, Pandas, Seaborn, SKLearn,
Streamlit

EDUCATION

University of Washington, Seattle, WA

Masters in Teaching
Major in History
(Dean's List)

PERSONAL PROJECT

Full Stack Housing ML Model

- Analyzed the housing database from Kaggle to create a price prediction model
- Programmed Streamlit in Flask to create a web app to make predictions with information from the database
- Model utilizes over 100 parameters, one-hot-encoding, ordinal-encoding to aid the predictions

Full Stack Mastermind App

- Programmed web app using Flask for frontend and backend.
- Utilized SQLAlchemy to connect Postgres database through Elephant SQL to store user, high score, and winning streak information.
- WTF-Forms used to validate incoming data and User_Login to track users and their data during their sessions.

EXPERIENCE

Volunteer Software Developer Code Your Dreams | November 2022 - Current

- Working on curriculum development team for inmate education
- Creating worksheets and cheat sheets on software development topics

Full Stack Developer Coding Temple | July 2022 - September 2022

- Deploy 3 REST APIs using ReactJS and Flask in combination with PostgreSQL dbs
- Created a web app with React for front-end and Flask for back-end
- Integrated Auth0 and ElephantSQL to allow users to create and log in to their account or use their current Google sign in
- Developed method for users to store their location and up to 3 others on the db
- Leveraged weather.gov's API to get the current weather forecast for those locations
- Craft databases using SQL in PostgreSQL and Entity Relationship Diagrams (ERD)

Volunteer NLP Data Scientist Sia Precision Education | August 2021 - July 2022

- Created pipeline to scrape data from tens of thousands of GitHub repos and parse desired information to build an NLP chatbot
- Implemented and project planned to support education of current and formerly incarcerated inmates to learn STEM skills

Intern Data Scientist Data Glacier | March 2021 - August 2021

- Analyzed and created machine learning models to determine risk of investments and key factors of validity
- Led group that scored highest on the final project of analyzing and determining effectiveness of sample medication from sample database.

Plumbing Apprentice Bath Fitter, Day and Nite Plumbing 2016 - 2018

High School Special Education Teacher Edmonds and Seattle SD 2013 - 2016