Corey Hamren

CONTACT

📱 (425) 327-9063

✉ hamhams86@gmail.com

in linkedin.com/corey-hamren

github.com/TheHamhams

Personal Portfolio

SKILLS

Databases:
DBeaver, ElephantSQL, Insomnia, Postman, PostgreSQL, SQLAlchemy

Frameworks:
Bootstrap, Flask, JSON, Jupyter Notebook, Redux, React, Rested 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

30 Rock Script Database
- Developed web scraping pipeline for scripts from the show 30 Rock
- Built Schema to include Season, Episode, Title, Character Name, and Quote for each episode completed

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   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