


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, Rested API's, Unity

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

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