Kelli Scheuble

kelli@scheuble.dev - Github - LinkedIn - Portfolio

Software Engineer with a data science focus, excited for development opportunities to apply data equity principles

Technical Skills

Programming Expertise: Python (Jupyter, NumPy, Pandas, Seaborn, SKLearn), SQL, NoSQL, Postgres, Elasticsearch, AWS ElasticBeanstalk
Frameworks: TensorFlow, Keras, Flask, FastAPI, Plotly Dash
Skills: Data analysis, Linear and Multivariate Regressions, Predictive Analytics, K-Cluster Analysis, Machine Learning Products, Natural Language Processing, Recommendation Systems

Workshops:

Foundations of Data Equity, Workshop Link, June 2020

Projects

Med Cabinet: Recommendation System, *Lambda School*, Project Link, 2020

- Utilized Python, PostgreSQL, Flask, and Natural Language Processing to create a recommendation system for thousands of different marijuana strains based on a user's medical needs, preferences, and dislikes
- Scraped data with BeautifulSoup, transformed data with Pandas, persisted data with PostgreSQL on Heroku, and conducted data exploration and visualization

Kondoboard: Job Searching Platform, *Lambda School,* Project Link, 2020

- Utilized Elasticsearch, FastAPI, and AWS Lambda functions to create an ETL and recommendation system tailored specifically to help Lambda School students with their job search
- Created an Elasticsearch cluster with custom mappings to allow for full-text searches with speed and precision
- Created a modular ETL using FastAPI, AWS ElasticBeanstalk, and AWS Lambda to pull jobs from multiple sources, map to a common data structure, and load into an Elasticsearch cluster

Glittr: Children's Web Application, *Women Hack the Crisis Hackathon*, Project Link, 2020

- Utilized Flask, Python, SQLAlchemy, and PostgreSQL to create a backend for a wellness application for children dealing with mental health issues related to the pandemic
- Collaborated with a cross-functional team consisting of two UX designers, two front-end developers, and two other back-end Python developers on all technical decisions
- Won second place in the hackathon competition

Education

Data Science Program, Lambda School, Jan 2020 - present
Coursework Includes: Computer Science, Descriptive Statistics, Predictive Statistics, Machine Learning, Data Engineering
B.S. in Biochemistry Candidate, Minor in Global Health, University of Washington, Sept 2014 - Dec 2018

Work Experience

Team Lead, *Lambda School*, May 2020 - July 2020

- Served as a mentor, resource, and leader for a remote group of eight Junior Data Scientists
- Completed daily code and project reviews for each team member
- Led daily stand-up meetings

Server, *Great Notion Brewing*, June 2018 - November 2019