Athena Gundry

559-316-9096 ● athenagundry@gmail.com ● github.com/gundry2 ● gundry2.github.io

Education

Paul G. Allen School, University of Washington Seattle **Expected Sep 2024**

Bachelor of Science - Applied Mathematics, Computer Science 3.7 GPA in-major

- Relevant Coursework: Machine learning, data structures & algorithms, applied mathematics, statistics, linear algebra, advanced calculus, quantum computing, hardware/software interface

Launchcode Bootcamp, Portland, 2018

- Successfully completed 6 month bootcamp teaching full stack web development;
- Was one of 30 students remaining out of 150+

Work Experience

Parthenon Software Group Aug 2021 - Oct 2021

Software Engineer Intern Portland, OR

- Implemented an app that generates a random Spotify playlist when users login.
- Created a Flask web app to authenticate against the Spotify API when end user logged in to website.

Freelance Business Analytics Sep 2021

- Enabled small business owner to analyze expenses/sales from 50+ products by graphing data.
- Generated estimated $3000 in additional revenue over 3-month period by streamlining available products.
- Processed pre-existing sales spreadsheet using Pandas; used Matplotlib for user-friendly data visualization.

Personal Projects

Algorithmic Momentum Trading Neural Network, Sep 2023 - Trained to send buy/sell signals on stocks.

- Used 10 technical indicators to train neural network using scikit-learn on data from 4 different stocks.
- Achieved modest returns with 97% signal accuracy during backtesting on historical stock data.

Quantified Self App for Health Monitoring, May 2022 - Created program to help users track effects of medication.

- Prompt users to track their mood, sleep, and other user-selectable factors.
- Easily visualize the effects of different dosages of medication on these factors over time utilizing Seaborn.

Job Keyword Scraper, Oct 2021 - Developed program that allows people to search job listings on Indeed using keyword analysis, and then displays a graph of the average salary by keyword.

- Utilized Python with the Pandas & Seaborn libraries to visualize data, additionally allowing users to see the frequency of a given keyword in job listings so that they can find matching jobs for their skill set faster.

Relevant Skills

- Python, including Pandas, Seaborn, scikit-learn, and the SciPy scientific libraries
- C++, Java, and C