Matt Adler

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Education

Portland State University, 2020-December 2022
MS, Computer Science, GPA 3.76
Portland State University, 2018-2020
Prerequisite coursework for masters degree.
CUNY Hunter College, 2012-2015
BA, English Literature

Technical Skills

- Python, C, JS, CSS, HTML, SQL.
- Proficient at the command line, vim, Cloud Run, Cloud Storage, Cloud APIs, Kibana, ElasticSearch.

Experience

CAT (Computer Action Team)
Portland State University, 2019-2021
- Technical support for students and employees at PSU.
- Reset passwords, created runaway scripts.

English Teacher
K.N.S Language Institute, Kaohsiung Taiwan, 2016-2017

Projects

Winter 2021- Multithreaded Brute Force script
- Exploited a 2FA authentication vulnerability in PortSwigger lab via Python script.

Winter 2021- Site reliability server
- Maintained and hosted a website in the cloud.
- Analyzed server latency and memory through ElasticSearch.
- Determined the root causes of website downtime.

Fall 2021- Label detection/translation Flask web application
- Optimized design through MVC architecture.
- Planned and developed the application with Docker and Google Cloud services.

Summer 2021- ML Heart disease prediction (team project)
- Determined the best ML model for predicting heart disease (naive bayes).
- Weekly scrums with the team.

Spring 2021- Implemented a bare metal OS on a raspberry pi (team project)
- Led weekly team meetings to achieve design goals (BroadComm documentation).

Github: *https://github.com/mattadlerpdx*