MAX GINSBERG

Advanced App Engineer
Technology Development Program, West Region

accenture

Skills

Coding Languages: Python, NodeJS, ReactJS, JavaScript, C++, MATLAB, Verilog, Java
Other: Entrepreneurship, Presentation, Bilingual, Gardening, Cooking, Restaurant Hunting

Background

Interests:
Software Engineering, Data Engineering, Data Visualization, Full Stack Software Development, Design Thinking

Education:
University of Southern California
B.S. Biomedical Engineering (Electrical), Minor Entrepreneurship

Contact

Office Location: Seattle, WA
Email: max.ginsberg@accenture.com
Mobile: (310) 339 9837
Personal Website:
mginsy.github.io

Project Experience

Accenture, *Technology Analyst Intern*

- Enriched legacy data during a 4-to-1 product lifecycle management system data migration using SQL and Python.
- Analyzed revision data to standardize data migration mappings and ensure consistency in new client systems.

Edwards Lifesciences, *Data Science and Algorithms Intern*

- Developed a modular, user-friendly data cleaning and dashboard visualization tool to view live data in any ongoing or finished data collection trial using Python, Plotly Dash, and HTML.
- Discovered new features and revealed biases in current algorithm development by applying machine learning (univariate logistic regression) onto dashboard and extracting best collected features for disease classification

RxMinder, *Team Lead*

- Built an IoT automatic pill dispenser with a frontend interface for elderly patients using NodeJS, React, Arduino.
- Acquired patient's medication schedule to correctly dispense pills at the correct time, notify patients + caregivers when it was time to take medication, and monitor patient's daily progress in an easy to use front end web page.
- Led team direction and taught CAD, web development, Arduino to teammates.

lafoodlist.com

- Designed, planned, and coded a website to display 180+ handpicked restaurant locations, reviews, photos, and more.
- Created dynamic Google maps, photo lists, and page animations all subject to user input and personal preference.

Wordle Bot(s)

- Developed a SlackBot server to keep track of my friends' and my wordle scores and display a leaderboard.
- Used NodeJS and Firebase to host a server, perform calculations, and keep track of everyone's scores day by day with their copied wordle messages.
- Constructed a second algorithm with Python to solve Wordle and post its score daily. AvgScore = 3.669

Compost-O-Matic, *Software Team Lead*

- Engineered an IoT compost monitoring system to ensure healthy compost for sustainable home gardening.
- Developed a backend server with NodeJS which communicated with the Arduino and front end, performed calculations, and estimated future compost metrics using machine learning.
- Aligned the embedded, backend, and frontend teams to the same vision and ensured cohesive development.