

MAX GINSBERG

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EDUCATION

University of Southern California, *Los Angeles, CA*

2022

B.S. Biomedical (Electrical) Engineering, Minor Entrepreneurship

GPA: 3.6

EXPERIENCE

Google @ Accenture, Software Engineer – Seattle, WA

Jun 2022 – Present

- Streamlined logic and managed new data infrastructure for Google Store using SQL, Python, GCP, BigQuery, and AirFlow. Reduced cloud usage by 4/5, daily runtime by 99.3% and saved client **\$1.5M / yr** in processing costs.
- Led team of 5 on and offshore developers to implement a GA3 → GA4 migration in 3 months for 300+ users.
- Led and created a team of 25+ to develop GenAI Full Stack software solutions for High Tech Clients using ReactJS, NextJS, Python Flask, NodeJS, VertexAI, and GCP. **\$1.25M+** of sales in 2024 and counting.
- Automated SAP Datasphere data flow creation with Python, reducing the creation time from days to seconds.

Edwards Lifesciences, Data Science and Algorithms Intern – Irvine, CA

May – Aug 2021

- 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.

AWARDS & PROJECTS

lafoodlist.com

Apr 2022 – Nov 2022

- Designed and coded a website to display 200+ handpicked restaurant locations, reviews, photos+ in ReactJS.
- Created dynamic Google maps, photo lists, and page animations all subject to user input and personal preference.

[SeattleSpurs.com](https://seattlespurs.com)

Nov 2023 - Jan 2024

- Developed a website for my local Tottenham Hotspur supporters club using ReactJS, Javascript, Python, AWS S3, AWS Lambda, and GCP.
- Created easy to use solutions for non-technical stakeholders to upload photos and match showing data.
- Designed processes to automatically update with new scheduled games and match showing times + locations.

RxMinder, Team Lead

Jan - Apr 2022

- 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.

Wordle Bot(s)

Feb - Apr 2022

- 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

CERTIFICATIONS & SKILLS

- [Microsoft Azure Fundamentals](#), [Microsoft Azure Data Fundamentals](#)
- Python, ReactJS, NextJS, React Native, JavaScript, SQL, AWS, GCP, NodeJS, C++ , Java, Computer Science, Entrepreneurship, Technical Leadership
- Bilingual: English (native), Spanish (professional)