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EDUCATION

Stanford, CA **Stanford University** **September 2018-June 2022**

GPA: 3.83 Major/Minor: Computer Science (AI Track)/Mathematical and Computational Sciences
Related Coursework: Machine Learning, Deep Learning, Probability for Computer Scientists, Computer Organization and Systems, Design and Analysis of algorithms

Manteca, CA **Sierra High School** **August 2014-May 2018**
GPA: 4.38 Class Rank: 2/330 SAT: 1520
Related Coursework: AP Calculus AB/BC (5), AP Physics 1 (4), AP Spanish (5)

EMPLOYMENT

Google STEP Intern **Alphabet- Google** **June 2020-Septermber 2020**

- Interns will complete 4 to 5 starter projects in the first few weeks of the summer in order to learn and apply the foundational skills needed to build **Java-Servlet based web applications**.
- Starter project topics include: Client-side WebDev (**HTML**, **CSS**, **JavaScript**), Server-side WebDev (**JavaServlets**, **Datastore**, **JSON**), Library and **API integration** tutorials, and test-driven & distributed development principles.
- Following completion of the starter projects, interns will be responsible for **designing** and **implementing** a **web-application** in teams of three. They will be expected to use the collection of APIs they learned during the start projects.
- Interns will design, develop, and present **protypes**, **minimum viable products,** and **completed** projects to their hosts and cohorts over the course of the summer.

Research Intern, Stanford **Center For Spatial and Textual Analysis** **June 2019-September 2019**

- Identified and resolved nearly two-dozen front-end issues on the project's GitHub by **learning distributed development principles**, primarily using **PHP** and **React**.
- Exported data from nearly **400 user-submitted interviews** for formatting and processing.
- Used **Python** to manipulate/format spreadsheet data for use in an LDA-based **language processing tool** (MALLET).
- Created **topic models** in MALLET for use in later topic research.
- Produced a shell script to run **Python, MALLET, and Command Line** commands in a reusable and reliable way.
- Wrote a guide to using my scripts and tools in **HTML** and uploaded my work to a public GitHub repo to give future researchers a better starting point for data analysis.

Stanford Peer Technology Specialist **Stanford PTS Team** **January 2020-June 2020**

- Reviewed, documented, and resolved technology related help-tickets to aid students in gaining increased access to campus technologies.
- Facilitated tech-related learning by organizing educational events relevant to information technology.

Additional Experience/Awards

- **Code 2040 Fellow (May 2020-Present)-** Summer career accelerator program for Black and Latinx technologists where we engage with and learn from other technologists of color within the field and participate in racial advocacy for our communities.
- **2019 Boothe Prize Finalist (March 2019)-** Selected as a finalist for Stanford's freshman writing prize for my research on Bilingual Education Systems and their effects on non-native English learners.

Languages/Technologies

- Spanish (Native), English (Native)
- Proficient in: Python- Numpy, Matplotlib, pandas; Some experience with: HTML/CSS/JavaScript, C/C++
- Technologies: Command Line/Terminal/Bash, Github