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TERRENCE HO

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EMPLOYMENT

Intern **Socos Labs, LLC** **Summer 2016**

Data Analysis

- Goal was to find a correlation between socio-economics, education, and life-outcomes.
- Wrote scripts to scrape data off of various websites
- Did preliminary data analysis using Sci-Kit Learn, MatPlotlib, and numpy.

EDUCATION

Los Angeles, CA **University of California, Los Angeles** **Fall 2016 – May 2020**

- B.S.E. in Computer Science Engineering.
- Undergraduate Coursework: Intro to Computer Science, Databases,
- High School Relevant Coursework: AP Computer Science.

TECHNICAL EXPERIENCE

Projects

- **Workout App(2016):** An Android app that makes your workout go smoother by telling you what your exercises are and waiting until you are done with each exercise before moving onto another exercise. I worked many of the screens, and implemented the voice control function.
- **BruinUnits** (2016): [In Progress] Tool for students to calculate their chances of enrolling in a class at UCLA through a statistical model based on their enrollment time, major, and historical enrollment data. Future aim is to put together a web app for students to use. Python (Django), Javascript, HTML/CSS.
- **Meal Alert App** (2016): Created at a hackathon, app that scrapes UCLA dining menu and alerts you if the meal is featured in today's menu. Created front end design and helped create and debug the scraper. Android, Java.
- **Animated Web Graphics** (2016): Part of the UCLA Bruin Entrepreneurs. Learned how to create animated graphics with SVGs and incorporated this technology onto my personal website. Javascript, HTML/CSS, Adobe Illustrator
- **Dataset Exploration** (2016): Personal Project to expand what I learned from Socos, utilizing more areas of the Sci-Kit Learn library from their test datasets. Python.
- **Javascript Hangman** (2016)**:** Although the shell of this project was made by ACM-Hack as a teaching tool, I took the game and expanded upon it's functions, allowing the user the guess the word and having multiple different categories of words to choose from. Javascript/HTML/CSS.

Other:

- **Coursera Machine Learning:** [In progress] Self-learning basic machine learning through Andrew Ng's class with the goal of participating in Kaggle competitions and creating future projects with machine learning. Matlab, Python

ADDITIONAL EXPERIENCE AND AWARDS

- Hack on the Hill 2 (2016): Created Android workout app.
- Hack on the Hill (2016): Honorable mention for best hack for Meal Alert Android app.
- HP CodeWars (2016): Used Java to solve problems at HP's coding competition.

Languages and Technologies

- Python;C++; C; Java; HTML/CSS/JavaScript; Matlab;
- XCode; Sci-kit Learn; Bootstrap; jQuery; Eclipse; Android;