Gordon Liang

San Francisco, California

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UC Berkeley student majoring in Molecular Cell Biology and Data Science with an extra passion for visualization. Comfortable with Adobe Premiere Pro, InDesign and Microsoft Excel. Experienced with Photoshop, After Effects, Python and Tableau. Interested in applying my skill sets from both majors.

Education

University of California, Berkeley- Berkeley, CA

August 2020 to Present (Expected Graduation: June 2024)

Major in Molecular Cell Biology (Genetics emphasis) and Data Science (Business Analytics emphasis)

Abraham Lincoln High School- San Francisco, California

August 2016 to June 2020

High School Diploma

2020 "Journalism Award" winner

Work Experience

Sea Lion Ambassador   Aquarium of the Bay - San Francisco, CA

November 2019 to March 2020

As a Sea Lion Ambassador, my responsibilities included answering questions about the sea lions on Pier 39, encouraging sustainable seafood and raising awareness to the pollution of plastic in the ocean as it endangers sea lions. After closing, I helped collect water from the pier for the aquarium to analyze.

Publications

Sports Analytics Group at Berkeley (SAGB)

- Visualized and compared regression of major fielding, hitting and pitching statistics with Win% using Tableau
- Implemented a KNN-based approach to predict specific aging patterns of baseball players
- Ran hypothesis testing to unearth abnormal increases in spin during the 2022 MLB Postseason

StrosTalk

Jose Altuve 2.0 is JUST Getting Started

- Used a combination of Premiere Pro, Photoshop, Excel and After Effects to visualize batted ball tendencies among a multitude of other statistics
- Provided statistical analysis of professional baseball players

Reactor Tracker

- Developed a web app that assists students in creating reaction tables for their lab assignments
- Currently working on adding a tab to calculate percent yield

Skills

- Microsoft Excel
- Video Editing
- Web App Development

Other Experience

Stock Analysis

- Used Yahoo Finance's stock module to extract live stock data
- Bootstrapped stock fluctuations to create projections for the next 365 days using a 95% Confidence Interval