Kailyn Nguyen

San Jose, CA | Los Angeles, CA

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EDUCATION

De Anza College - Computer Information System Department **Cupertino, CA**
Computer Science for Transfer *September 2020 - June 2022*
- **GPA:** 3.94 / 4.0

University of California, Los Angeles - College of Letters and Science **Los Angeles, CA**
Statistics and Data Science B.S. *September 2022 - June 2024*

Relevant Coursework: Computational Statistics with R, Statistical Models and Data Mining, Multivariate Regression Analysis

WORK & LEADERSHIP EXPERIENCE

Kumon: After School Math and Reading Program **San Jose, CA**
Tutor *Oct. 2018 - Aug. 2022*
- Effectively managed parent-teacher communications
- Scheduled and assembled monthly worksheets for about 200 students each year
- Recorded academic performance from grading homework sheets and applied this information to address areas of improvement for students
- Assisted in conducting in-person instruction for 60-70 students three days out of the week

Girl Code @Stanford **Palo Alto, CA**
Participant *Jul. 2019*
- Built an understanding of computer science and engineering in a two week, fast paced learning environment
- Quickly became competent in various languages including Java and Alice
- Communicated with several speakers including current Stanford students and staff for further Tech advice and connections

PROJECTS

Website "Global Happiness in 2021" (https://thehappydata.humspace.ucla.edu/)
- Contributed as a data specialist and editor to a project that aimed at enhancing global well-being regardless of demographic or economic circumstances
- Engaged in comprehensive data preprocessing before creating various data visualizations with Tableau

The Effect of Outside Variables on STEM Student GPA
- Led a project focused on analyzing data from a STEM survey data set, encompassing responses from 1365 UCLA STEM students spanning 2019-2023
- Utilized advanced statistical techniques including random forest, logistic regression, and text mining to analyze the data

Predicting Alcohol Status Using a Person's Vitals
- Participated in a Kaggle competition aimed at predicting the alcoholic status of individuals based on vital data
- Employed significance testing and advanced feature selection models to identify key predictors influencing alcoholic status prediction

ADDITIONAL SKILLS & INTERESTS

Open to ambiguity, exceptional communication skills, Tech-Forward. Fluent in C++, Python, R. Experienced in Tableau.