Kiana Mohammadinik

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Culver City, CA

WORK EXPERIENCE

Santa Monica College
Feb. 2020 – Jun. 2022

Embedded College Math Tutor

- Gained experience in teaching various subjects such as college algebra, trigonometry, and calculus courses.
- Provided individual and group tutoring sessions to assist students in mastering math skills.
- Worked with one-on-one students to enhance their problem-solving abilities.
- Monitored students' progress throughout the semester and provided constructive feedback.
- Identified areas where additional support was needed for students and collaborated with the professor to address them.
- Led and managed the class on days when the professor was absent.

EDUCATION

UCLA
Graduating in 2024

Statistics and Data Science Major, History Minor

- Dean's Honors List Spring 2023
- GPA: 3.64 /4.00
- Relevant Coursework: Probability, Mathematical Statistics, Programming With R, Data Analysis And Regression, Design, And Analysis of Experiment, Computation, And Optimization For Statistics, Monte Carlo Methods, Linear Algebra, Statistical Models, and Data Mining

RESEARCH PROJECTS

- **Caffeine's Effect on Short-Term Memory in Virtual Island Study:**

Collaborated with a group of classmates to conduct a research project that involved using a virtual island simulation known as "The Island," which was designed to mimic real-world research processes. Within this virtual environment, we collected data from virtual human subjects and gained practical experience in study design, data collection, and statistical analysis. Our project aimed to investigate the association between caffeine and short-term memory. The culmination of this project was a research paper that detailed our findings using the data we had collected.

- **Current Ongoing Project: Associations Between Music And Mental Health**

Currently, I am working under the supervision of Prof. Tsiang on a research project investigating the connections between music and mental health. Using a Kaggle-sourced dataset as the basis for my analysis, I am developing an analytical methodology inspired by relevant literature. This project entails the application of my coursework-acquired knowledge to create a robust model with regular check-ins with Prof. Tsiang to ensure the project's successful progression.