Phuong Ohashi

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EDUCATION

San Jose State University　　　　　　　　　　　　　　　　　　　**San Jose, CA**
BS in Applied Mathematics, Concentration in Statistics (GPA: 3.71)　　　*Expected Graduation Date: May 2024*
- Coursework: Mathematical Statistics, Probability Theory, Data Structure and Algorithm, Intro to Python Programming and SQL, Intro to Database Management, R programming language

CLASS AND PERSONAL PROJECTS

Wine Review Analysis
Skills: Python, Scikit-Learn, Pandas, Numpy, Kaggle
- Worked with a groupmate to build a data science project using a Kaggle dataset and developed a machine learning model to classify over 130,000 wine reviews based on sommelier recommendations using excel file.
- Implemented data visualization techniques to create key insights and trends from the wine review dataset.
- Conducted linear regression analysis on wine ratings, prices, and other variables to identify key factors influencing consumer preferences and pricing strategies, with an adjusted R-squared score of 37%.

Probability Simulation Personal Project
Skills: Python, Jupyter Notebook, Probability Theory, Mathematical Statistics
- Utilized Python coding to conduct a simulation project, analyzing the approximate probability of an event occurring and comparing it to the true probability through the application of the law of large numbers.

Quote Generator Webpage GitHub
Skills: JavaScript, HTML, CSS, JSON
- Created a webpage that automatically and randomly generates new quote.

WORK EXPERIENCE

Tutoring Club　　　　　　　　　　　　　　　　　　　　　　　**San Ramon, CA**
Math Tutor　　　　　　　　　　　　　　　　　　　　　　　　*August 2022 - May 2023*
- Checked and organized students' binders to ensure all materials were readily accessible, resulting in a 20% increase in efficiency during study sessions.
- Tracked students' work progress using a excel folders, allowing for real-time feedback and improvement, leading to a 15% increase in overall grades.
- Provided one-on-one assistance to students by addressing their questions and concerns, resulting in a 95% satisfaction rate among students and parents.

Sushi Zone　　　　　　　　　　　　　　　　　　　　　　　　**Livermore, CA**
Waitress/Server　　　　　　　　　　　　　　　　　　　　　　*June 2022 - Present*
- Assisted in managing a high-volume restaurant, ensuring efficient and timely service for over 200 customers per day.
- Maintained a friendly and welcoming environment for customers, resulting in a 95% customer satisfaction rate based on customer surveys.
- Ensured effective communication between the kitchen staff and customers, resulting in a 20% decrease in order errors.
- Assisted customers in taking orders and provided recommendations on menu items, resulting in an increase of sale by 15%.

LEADERSHIP EXPERIENCE

San Jose State University　　　　　　　　　　　　　　　　　　　**San Jose, CA**
Workshop Facilitator　　　　　　　　　　　　　　　　　　　　*August 2022 - Present*
- Led a highly successful math workshop with an average attendance of 30 students per session, resulting in a 15% improvement in overall student performance on calculus exams.
- Provided interactive worksheets and engaging activities to facilitate student understanding of calculus concepts, resulting in a 20% increase in average test scores.
- Tracked students' participation and attendance using Canvas, ensuring a 95% attendance rate for all workshop sessions.

SKILLS & INTERESTS

Skills: SQL | R | Java | Visual Studio Code | NodeJS | Git | GitHub | Pandas | Matplotlib | MySql | Excel

Interests: skiing, gardening, yoga, reading, pottery, travel