

# Phuong Ohashi

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## EDUCATION

### San Jose State University

San Jose, CA

BS in Applied Mathematics, Concentration in Statistics (GPA: 3.7) Expected Graduation Date: May 2024

**Coursework:** Mathematical Statistics, Probability Theory, Data Structure and Algorithm, Python Programming and SQL, R programming language, Regression Theory

### College of Alameda

Alameda, CA

AA in Computer Information System

Graduation Date: Dec 2021

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

## CLASS AND PERSONAL PROJECTS

### CAMCOS Project

San Jose, CA

Skills: R&D, Exploration Data Analysis, Ethereum, Blockchain

August 2023 - present

- Collaborate within a multidisciplinary team to conduct in-depth research into blockchain technology and Ethereum
- Conduct exploratory data analysis on complex datasets, extracting valuable insights
- Demonstrate effective communication and teamwork, regularly engaging with fellow team members and faculty to disseminate research findings
- Conduct a presentation aimed at elucidating research findings to both sponsors and audiences unfamiliar with blockchain technology

### Linear Regression Analysis

San Jose, CA

Skills: R programming, Regression Theory, Linear Regression, Latex

August 2023 – December 2023

- Collaborated with two peers to investigate the correlation between K-12 student performance and potential influencing factors.
- Executed a comprehensive data collection and mining process, aggregating datasets from diverse sources.
- Delivered a presentation showcasing research findings and accompanying statistical tests.
- Produced a detailed Latex document reporting the analysis and results of the study.

### Shopaholic E-commerce Website

San Jose, CA

Skills: HTML, CSS, Java, MySQL, SQL

June 2023 – August 2023

- Collaborated with two team members to develop an e-commerce website, implementing MySQL and Java Server Pages for a database management class project
- Achieved proficiency in writing SQL queries, conducting database management tasks including data retrieval, updating, and optimization
- Ensured the efficiency of the database backend, overseeing data modeling, schema design, and data integration processes

### Wine Review Analysis

San Jose, CA

Skills: Python, Scikit-Learn, Pandas, NumPy, Kaggle, Jupyter Notebook

January 2023 – May 2023

- Analyzed dataset comprising 130,000 wines reviewed sourced from Kaggle as a class project
- Utilized Python packages for data analysis and visualization, showcasing expertise in tools like Pandas, NumPy, and Matplotlib
- Implemented linear regression models to predict wine characteristics such as wine scores and wine prices, demonstrating proficiency in statistical analysis and machine learning

## WORK EXPERIENCE

### Tutoring Club

San Ramon, CA

Math Tutor

August 2022 - May 2023

- Helped students in comprehending complex math concepts, presenting information in clear and understandable manner
- Tracked students' work progress using Excel folders, allowing for real-time feedback and improvement, leading to a 15% increase in overall grades, resulting in a 95% satisfaction rate among students and parents