

Phuong Ohashi

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Objective: To obtain a Data Analyst Intern position to apply my statistics skills and gain practical experience in data analysis

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, Intro to Python Programming and SQL, R programming language, Regression Theory

CLASS AND PERSONAL PROJECTS

CAMCOS Project

San Jose, CA

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

August 2023 - present

- Collaborated within a multidisciplinary team to conduct in-depth research into blockchain technology and Ethereum cryptocurrency under the guidance of faculty members
- Led comprehensive research efforts to identify innovative solutions aimed at strengthening Ethereum's censorship resistance, contribution to the advancement of blockchain technology
- Conducted exploratory data analysis on complex datasets, extracting valuable insights and identify meaningful patterns
- Demonstrated effective communication and teamwork by regularly engaging with fellow team members and faculty to disseminate research findings and facilitate optimal project outcomes

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 as a database management class project communicating over Git and GitHub version control system (received an A grade)
- Created interactive and responsive features using Java programming language to enhance the website's functionalities, including shopping cart management, user authentication, and order processing
- Proficiency wrote SQL queries and conducted database management tasks, such as data retrieval, updating, and optimization
- Implemented MySQL database backend, overseeing data modeling, schema design, and data integration to ensure the efficiency and secure data storage

Wine Review Analysis

San Jose, CA

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

January 2023 – May 2023

- Collaborated closely with a team member to conceptualize and execute a data science project using a Kaggle dataset
- Applied advanced data visualization technique to the wine review dataset, transforming complex data into clear and actionable insights using Python packages
- Developed a supervised machine learning model and quantitative analysis to classify and recommend wine selections from the dataset comprising over 130,000 wine reviews, significantly enhancing model accuracy and efficiency
- Conducted in-depth statistical analysis, including linear regression, on various factors influencing wine ratings and pricing

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 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

San Jose State University

San Jose, CA

Workshop Facilitator

August 2022 – May 2023

- Led a highly successful math workshop with an average attendance of 30 students per session
- Provided interactive worksheets and engaging activities to facilitate student understanding of calculus concepts, resulting in a 20% increase in average test scores.

SKILLS & INTERESTS

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

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