

Oscar Syu

Phone: 650-388-8827

Email: oscar.syu@berkeley.edu

Education

UC Berkeley Class of 2020

Data Science Major, Emphasis in Business Analytics

Industrial Engineering Operations Research Minor

- CS Classes: CS61A - Structure and Interpretation of Computer Programs, CS61B Data Structures
 - Data Science Classes: Principles and Techniques of Data Science, Statistics in Data Science
 - Other: Multivariable Calculus, Linear Algebra, Econ 101A - Intermediate Microeconomics
-

Work Experience

Data 8 Tutor

Aug 2017 – Present

UC Berkeley Division of Data Science

Berkeley, CA

- Teach and clarify data science concepts weekly in a small group environment
- Organize review sessions and boot camps to provide students with practice and review of key concepts
- Grade assignments and develop curriculum for tutoring sections
- Led project to create an onboarding teaching document to address conceptual pain points

Data Science Intern

Jun 2017 – Aug 2017

Knowledge.VC

San Francisco, CA

- Built proof of concept machine learning content classifiers in a startup environment
 - Developed VC oriented news classifier to aid investors in research of new technologies
 - Created datasets of training data to fine tune accuracy of the final product
-

Extracurricular

Financial Vice President

May 2017 – Present

Statistics Undergraduate Student Association

Berkeley, CA

- Communicated with the statistics department and the UC Berkeley student government to manage accounts
- Improved the financial accountability of the club by raising standards of documentation
- Increased revenues, found new sources of funding and reallocated budget to spend budget more efficiently, while handling the budgetary constraints of a ~60% growth in membership, from 70 to 110 members
- Rebranded organization by proposing changes that keep the club relevant to the new data science program

External Vice President

Jan 2017 – May 2017

Statistics Undergraduate Student Association

Berkeley, CA

- Took officer role as a mid-year replacement, maintained relationships in an unexpected transition period
 - Improved relationship with advisors leading to better communication and more access to resources
 - Expanded club partnerships with external companies like Sikka Software and Tribe Dynamics through recruitment info-sessions to provide opportunities for both club members and employers.
-

Other

UC Berkeley Datafest 2018 Winners

April 2018

- Won competition analyzing and cleaning Indeed.com dataset, in addition to using outside datasets such as rent, income, unemployment rate, and feature engineering metrics to measure job migration factors
 - Found correlation between features and migration, in addition to quantifying migration hotspots in the US
-

Skills

- Technical Skills: Python, Java, SQL, NumPy, Pandas, Matplotlib, NLTK, Sci-kit learn, Microsoft Office
- Languages: Fluent in Mandarin Chinese, Conversational Spanish