

Katherine Vo

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EDUCATION

University of California, Berkeley ~ Berkeley, CA

Expected May 2023

- Bachelor of Arts in Data Science with an emphasis in Cognitive Science
- Minor in Computer Science

Relevant Coursework: Principles and Techniques of Data Science, Probability for Data Science, Structure and Interpretation of Computer Programs, Data Structures, Discrete Mathematics and Probability Theory, Basic Issues in Cognition, Introduction to Artificial Intelligence; Data, Inference, and Decisions

SKILLS

Coding: Python, SQL, Java, Scheme, R

- Experience in Data Analytics, Exploratory Data Analysis, Data Visualization, Data Cleaning, Feature Engineering, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebooks, Scikit, Github

Languages: English, Vietnamese, American Sign Language

Misc: Google Analytics, Kibana, Google G Suite, Microsoft Office, Event Coordinating, Logistics and Operations

EXPERIENCE

Data Science/Analysis Intern ~ SharpenMinds

Aug 2021 - Present

- Developed multiple client reports based on performance data collected in Google Analytics and Kibana
- Implemented several dashboards in Google Analytics and Kibana containing aggregated content data of client apps to display clear breakdowns of screener clicks, consumed courses, and overall user behavior
- Performed data cleaning and modifications to existing dashboards to allow clients to understand site flow
- Managed a content management system and conducted pattern analysis methods to construct and improve the application recommendation engine for multiple modules on each website

ShadowNite Event Coordinator ~ REACH! at UC Berkeley

May 2020 - May 2021

- Coordinated mentorship program for underprivileged API high school students in California
 - Recruited and directed a team of interns to develop workshops, organize program logistics, and effectively manage a financial budget of \$7000 per semester
 - Managed student application and survey database to obtain effective performance feedback in order to improve organization performance
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PROJECTS

Food Safety in San Francisco Restaurants

Feb 2021

- Performed exploratory data analysis and data cleaning CSV files and Pandas dataframes to organize and investigate food inspection scores of SF restaurants
- Developed meaningful visualizations using matplotlib and seaborn to create significant conclusions

Exploring Housing Prices In Cook County, IL

Mar 2021

- Performed EDA on the CCAO dataset to explore the relationship between property values and predicted property tax assessments based on multiple features, such as real estate value and construction cost
- Developed multiple linear regression model to fit housing data parameters in order to accurately predict sale price of house and minimize root mean square error

Spam Email Classification Model

Apr 2021

- Developed and improved a classification model to filter through spam emails by evaluating precision, recall, and accuracy
 - Utilized feature engineering on many text files to simplify dataset and allow for meaningful insights
 - Built a logistic regression classifier using scikit package by sorting through phrases within spam emails
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