

RICK ZHENG

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SUMMARY

- Passionate about generating data visualizations and data-driven problem-solving
- Proficiencies: Python -- R -- SQL -- Tableau
- Proficiencies (Languages): Chinese -- English
- Positive, analytical, striving, and dedicated to personal and professional growth

EDUCATION

University of California - Santa Barbara

Sept. 2019 - Dec. 2022

Statistics & Data Science B.S

GPA: 3.80

EMPLOYMENT

Researcher, Edison International

June 2022 - Current

- Conducting an NLP research project to identify distinct profiles of STEM curricula using data from 19K+ courses provided by universities
- Collaborating cross-functionally to develop recommendations for designing engineering courses to better accommodate a wider range of students
- Technologies used: Python, R

Data Science Intern, University of California - Santa Barbara

Apr. 2022 - Current

- Leveraging social media text data to develop a predictive model that identifies and rates hate messages
- Applied sentiment analysis on text data to identify factors that inform the decisions underrepresented faculty make about their relationship with UCSB
- Technologies used: Python, R

Data Analyst Intern, UCSB Sustainability

May 2020 - Current

- Analyzing data collected from 34 UCSB Basic Needs programs to present their impact on the UCSB community
- Generated insights on student preferences and provided survey development support in annual Basic Needs surveys
- Technologies used: R

PROJECTS

Calories Burned Predictor App

July 2022

- Conducted statistical analysis to provide predictions on calories burned based on activity and physical attributes

Text to Sentiment Classifier App

June 2022

- Drove sentiment analysis using NLP of 20K tweets from the Twitter API and applied statistical models to classify text