RICK ZHENG

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SUMMARY

- Passionate about generating data visualizations and data-driven problem-solving
- Proficiencies: Python -- R -- SQL -- Tableau -- Streamlit
- 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 propose a set of major subjects from engineering curricula using data from 19K+ courses provided by universities
- Collaborating cross-functionally to analyze user preferences to generate recommendations for designing engineering courses
- Technologies used: Python

Data Science Intern, *University of California - Santa Barbara*   Apr. 2022 - Current
- Leveraging social media text data to develop a predictive model that identifies 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

Using NLP Techniques to Evaluate Essential Subjects in Engineering Curricula   June 2022
- Applied Topic Modeling and text analysis using Python of 19K+ course syllabi from numerous universities to identify major subjects within engineering curricula

Calories Burned Predictor App   July 2022
- Conducted statistical analysis using Python to provide predictions on calories burned based on activity and physical attributes

Text to Sentiment Classifier App   June 2022
- Drove sentiment analysis using Python of 20K tweets from the Twitter API and applied statistical models to classify text