Laura Ngo

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EDUCATION

University of California, Los Angeles   Expected June 2024
Bachelor of Science in Statistics and Data Science (GPA: 3.3)   Los Angeles, CA
- **Relevant Coursework:** Introduction to Programming (C++), Intro to Computation and Optimization (R),
  Statistical Consulting (R, Latex), Intro to Statistical Models and Data Mining (R)

Sacramento City College   August 2019 - June 2020
Completion of Advanced Standing Courses (GPA: 4.0)   Sacramento, CA

Consumnes River College   June 2018 - July 2019
Completion of Advanced Standing Courses (GPA: 4.0)   Sacramento, CA

PROJECTS

Decoding Film Sentiments: IMDB Sentiment Analysis | R, Python
- Collaborated with a data science team to create a data visualization of Sentiment and Discriminative Analysis.
- Summarized key findings by comparing model accuracy to reveal the strengths and limitations of each model.

Impact of Educational Factors on Undergraduate GPA: A Regression Analysis on Campus Climate Data | R
- Conducted multiple regression analysis to identify significant predictors of GPA.
- Processed and generated diagnostic plots to assess model performance and identiy potential issues.

Wildfire Impact on Carbon Footprint: The Link Between California Wildfires and CO2 Emissions | R
- Utilized linear regression to investigate the correlation between CA CO_2 wildfire emissions and acres burned.
- Identified implications of research and potential solutions to the impact of wildfire-related carbon emissions.

Analyzing COVID-19 Impact: Poverty and Mortality Rates | R
- Led a team in COVID-19 data analysis using advanced linear regression modeling techniques.
- Generated data visualizations to depict trends and highlight potential concerns for informed decision-making.

EXPERIENCE

UCLA Statistics Club   September 2022 - June 2024
Member   Los Angeles, CA
- Attended workshops to develop skills with R and Python, focusing on data cleaning and visualization.
- Established connections with members to create a network of peers of similar goals in statistical analysis.

UCLA National Student Data Corps   September 2023 - June 2024
Member   Los Angeles, CA
- Actively engaged in a team data science project, contributing to various stages of conception to execution.
- Participated in interview preparation and resume-building workshops to network with industry professionals.

PROFESSIONAL SKILLS/OTHER

Languages: C++, R, Python
Statistical Analysis: Hypothesis Testing, Regression Analysis, ANOVA
Machine Learning: Feature Engineering, Classification and Regression Models
Data Visualization: Tableu
Statistical Reporting: LaTeX, R Markdown, Overleaf
Certifications: Google Analytics Individual Qualification
Skills: Active Participant, Adaptable, Analytical, Collaborative, Communicative, Observant