

Andre Hiwatig

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Education

University of California, Los Angeles (UCLA)

Expected Graduation June 2025

Bachelor of Science in Statistics and Data Science, Education Studies Minor

- GPA: 3.88/4.00
- Coursework: Data Analysis and Regression, Linear Models, Experimental Design and Analysis, Computing and Optimization, Linear Algebra, Measurement and Assessment in Education, Monte Carlo Methods, Digital Humanities

Work Experience

Data Science Intern | Mars Wrigley

June 2024-August 2024

- Built and optimized a new demand transference accelerator for the UAE market by standardizing data encoding processes, feature engineering, and filtering over 1 billion rows of product data, improving run time by 30%.
- Designed an interactive dashboard with a robust data pipeline for stakeholders, providing actionable insights for product delisting decisions. Presented market-specific action plans to business leaders of varying backgrounds.
- Visualized sales forecasts for candy products in a PowerBI dashboard, consolidating 7+ years of sales data.

Lead Data Research Assistant | UCLA Residential Life

March 2023-Present

- Created a Python algorithm utilizing regular expressions to categorize 700+ incident logs, optimizing duty rotations for staff of 30+ resident directors. Defined most prevalent campus incidents to better inform training curriculum.
- Analyzed 1400+ survey responses to evaluate the mental health effects of apartment conditions and performed statistical significance testing in R. Presented detailed response distributions in Excel to relevant stakeholders.
- Constructed accessible dashboards in Tableau using dataset of 1000+ graduate student submissions to share recommendations for modifying diversity and inclusion initiatives in the UCLA residential community.
- Employed A/B testing analysis on "Living Learning" communities to quantify program success on various scales. Presented findings to the housing committee of 4 administrators and structured future data collection initiatives.

Data Journalist Intern | Daily Bruin

October 2021-December 2022

- Performed qualitative analysis on small samples of 4-5 students to understand eating habits in restaurants.
- Collaborated with 2 writers and managed tasks among team members to publish an article within 3 months of joining the team. Interviewed 10+ UCLA students to enhance articles and understand consumer perspectives.
- Engaged in weekly team meetings and collaborated with outside departments to redesign data-driven content.

Projects

CourseKata Student Performance: R, Python, Tableau

- Assessed 335,848 records of student interactions on an online statistics textbook platform through regression analysis and string extraction. Modeled that the impact of diversifying question types could increase engagement by 20%.

Graduate and Family Housing Social Climate Report: Excel, Tableau - UCLA Residential Life

- Conducted text mining and analysis on 2336 free response questions from a thorough graduate student survey to find significant differences in belonging among residents of different racial identities and citizenship statuses.

Skills

- Programming Languages: Python, R, SQL, PySpark | Softwares: Azure, Databricks, Excel, Tableau, PowerBI
- Python Libraries: Pandas, Plotly, Matplotlib, Seaborn, SkLearn

Leadership

Lead Resident Assistant | UCLA Residential Life

August 2022-Present

- Served as a liaison between residential community and university administration for three years, managing 300+ students, working primarily with the transfer students, first-generation students, and students of color.
- Fostered welcoming floor communities of 80+ residents, providing academic support and counseling.
- Managed budgets for monthly educational programs promoting personal growth and community building.

Interests

On that Note Acapella Financial Coordinator, Campus Ambassador (Ringle Inc.), Daily Bruin Publication