

Jonah Wiener-Brodkey

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Education

University of California, Los Angeles (UCLA)

GPA: 3.94

Bachelor of Science, Statistics

September 2018 – June 2022

Minor in Digital Humanities

Professional Experience

Pacific Life Insurance Company

Los Angeles, CA

Data Analytics Intern

June 2021 – September 2021

- Cleaned and consolidated 1.5 million Salesforce records of past customer service calls for use in developing key performance indicators (KPIs) for first call resolution.
- Employed under-sampling of imbalanced dataset and built a logistic regression model in R that predicted callbacks with 70% accuracy, highlighting problem areas for future improvement.
- Performed text analysis in R to reduce number of anomalous records requiring manual review by 40%.

Local Initiatives Support Corporation in Los Angeles (LISC LA)

Los Angeles, CA

Intern

December 2020 – March 2021

- Prepared a 62-page report for presentation to the City of LA detailing impact of its \$100 million Covid relief fund for small businesses. Included 33 original plots and tables made using Tableau.
- Cleaned and consolidated data on over 150,000 businesses and non-profits in Excel and R.

Project Experience

Optimizing Study Plan for *Jeopardy!* with NLP

April 2021 – June 2021

- Wrote a script in R that cleans text from past *Jeopardy!* questions and generates word clouds for common topics. Used script to make 800+ flashcards to study for the *Jeopardy!* National College Championship.

Automating Mentor Matching Process for a Non-Profit

June 2020 – October 2020

- Developed an [R Shiny web application](#) that streamlines matching of volunteer mentors to families at risk of homelessness using an algorithm based on gender, age, geographic distance, and mentee preferences. Runs in under 10 seconds, saving dozens of hours of manual work.

Leadership Experience

The Data Science Union (DSU) at UCLA

External Vice President

April 2021 – March 2022

- Oversaw a 60-person club with an 8% acceptance rate that prepares members for careers in data science.
- Led outreach and marketing efforts; grew client base by 300% and social media following by 200%.

Professional Outreach Director

April 2020 – April 2021

- Built DSU's client project division from ground up. Established partnerships with 5 companies and non-profits in 2 countries. Connected 20+ members to clients for long-term consulting projects.
- Planned and facilitated professional development events, including a data science career panel, a resume workshop, an original Tableau tutorial, and 2 company info sessions.

Skills

Python (Pandas, NumPy, Scikit-learn, Matplotlib), R (ggplot2, dplyr, Shiny), SQL, Tableau, Excel

Coursework

Data Analysis and Regression

Mathematical Statistics

Data Mining

Python for Data Science

Linear Models

Linear Algebra

Design & Analysis of Experiment

Probabilistic Decision-Making

Computation and Optimization