[First name] [Last name]

[personal email address] • [personal phone number] • [LinkedIn URL] • [GitHub URL]

EDUCATION

Emory University   **Atlanta, GA**
Bachelor of Science in Quantitative Sciences, Sociology Concentration   May 2023
Minor in Computer Science
Cumulative GPA: 3.93, **Major GPA:** 3.96
Relevant Courses: Machine Learning, Cloud Computing, Database Systems, Probability and Statistics, Regression
Software Skills/Tools: Python, Java, R, SQL, Tableau, Looker, AWS, GCP

WORK EXPERIENCE

Meta   **Menlo Park, CA**
Metaverse Data Science Intern   May 2022 – Aug. 2022
• Analyzed user variation in Facebook Avatar category and content preferences, implemented a heuristic ranking A/B experiment to test personalization of content discovery and create a dashboard to visualize ranking output
• Built logistic regression and random forest machine learning models to systematically identify most significant drivers of adoption
• Designed framework for future modeling-based probabilistic ranking system that ranks categories based on a user's highest adoption likelihood

Mailchimp   **Atlanta, GA**
Product Analyst Intern   May 2021 – Aug. 2021
• Generated SQL queries to identify and automatically refresh target user volume for new initiative to increase conversion rates across Web/Commerce product suite
• Designed dynamic visualizations in Looker for Mailchimp's internal Product and Commerce dashboards
• Assisted in strategy and implementation of 30-Day report to evaluate early performance of new e-commerce launch, used GCP BigQuery, Looker, Google Sheets and Thinkcell to clean and visualize data

Emory University, Department of Political Science   **Atlanta, GA**
Undergraduate Research Assistant   Jan. 2020 – Jan. 2021
• Synthesized Census Bureau metadata files in R with the tidycensus package to map spatial demographic information onto geo-coordinates of officer-involved shootings for over 4,000 data points using Census and FCC APIs, created visualizations to show correlations between race and spatial concentration of shooting incidents
• Replicated synthetic control analysis on the effect of police de-escalation training on use-of-force incident ratios in New Jersey

PROJECTS

CS334 Machine Learning Final Project, *Project Member*   Oct. 2022– Dec. 2022
• Collaboratively implemented a multi-label Convolutional Neural Network (DenseNet) trained to identify comorbidities in chest X-rays using MIMIC-CXR data
• Stratified model evaluation by relevant confounders to isolate potential biases that influence performance, wrote 10-page report and presented slide deck articulating results
• Invited to present at the 2023 Annual Meeting of the Society for Imaging Informatics in Medicine (SIIM) Conference

Facebook Data Challenge 2021, *Finalist*   Apr. 2021– Aug. 2021
• Utilized SQL, R and Tableau to develop and visualize a business strategy with relevant recommendations based on given prompt for a final pitch to Facebook data scientists
• Engaged in a competitive 4-month long virtual training and recruitment program involving small and large group projects, 1:1 mentorship opportunities, peer networking and technical workshops

LEADERSHIP & COMMUNITY ENGAGEMENT

Emory University Department of Quantitative Theory and Methods, *Lead QTM Ambassador*   Aug. 2021 – Present
• Spearhead DEI initiative to improve diversity of student body, lead team to analyze and visualize de-identified student data using Python to assess time series trends in major/minor declaration
• Support QTM programming, act as liaison between admin and student body and collaborate with industry partners to provide experiential learning opportunities for students

Emory Office of Spiritual and Religious Life, *Student Worker*   Jan. 2020 – May 2020, Aug. 2022 - Present
• Support multi-faith and inter-faith work of the department by staffing events, providing hospitality and communications support, data and record management, web and publications work

Emory Career Center, *Career Ambassador*   Aug. 2020 – May 2021
• Hosted employer information sessions virtually, compiled professional resources for students interested in tech, and worked collaboratively in small groups to market Career Center events with a special emphasis on peer-to-peer marketing strategies

ADDITIONAL SKILLS AND INTERESTS

Language: Spanish (professionally proficient)
Awards: Bank of America D&I Fintech and Data Science Conference Attendee, Phi Eta Sigma - Freshman Honor Society
Interests: Fitness, Sports (Basketball, Football, Soccer), Reading, Hiking