Aiden Ramirez

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EDUCATION

University of California, Berkeley | December 2024 — Berkeley, CA
Bachelors of Arts, Computer Science, Philosophy

RELEVANT COURSEWORK

Linear Algebra, Statistics, Data Structures & Algorithms, Data Science Methods, Machine Learning, Principles of Business, Environmental Economics, Econometrics, Industrial Organization, Inference and Decision

PROFESSIONAL EXPERIENCE

Motorola Solutions — Chicago, IL
Corporate Strategy Intern — *May 2023 – August 2023*

- Developed a targeted survey to capture perspectives on AI-enabled security technologies (facial recognition, license plate readers), providing insights to build community trust, foster regulatory alignment, and guide strategic deployment.
- Built a pipeline for survey analysis with NumPy, pandas, and statsmodels; incorporated A/B testing with propensity score matching to evaluate the effect of varying descriptions of AI technologies on sentiment.
- Analyzed MSI market share for police body cameras across 2,500+ agencies using web scraping, computer vision, and manual inspection; presented findings and recommendations to improve sales strategy.
- Synthesized trends, competitive intelligence, and financial updates into weekly reports for the CTO and CSO, supporting portfolio growth strategies and acquisition targeting.

Credit Union Leasing of America — San Diego, CA
Software Engineering/Business Intelligence Intern — *June 2022 – August 2022*

- Designed and implemented a REST API mapping VIN numbers to specific vehicle make, model, and trim to streamline lease pricing operations.
- Performed statistical analysis on domestic car markets to predict pricing trends across various segments; used Alteryx and Tableau for interactive visualizations.

Salk Institute for Biological Sciences — La Jolla, CA
Research Assistant — *June 2020 – August 2020*

- Assisted research on neurodegenerative diseases at the Waitt Advanced Biophotonics Core under PhD candidate Sammy Weiser Novak.
- Constructed brain region models from electron micrographs, manually segmenting relevant areas in Blender.
- Automated segmentation of electron micro-graphs using the deep-learning framework CDeep3M with AWS cloud computing.

SKILLS

Programming: Python, R, SQL, Rust, Java, JavaScript, C, C++
Technologies: scikit.learn, pandas, NumPy, MySQL, Power BI, Tableau, Alteryx, AWS, Excel, ETL
Organizations: Political CS @ UC Berkeley, Alpha Sigma Chapter of Pi Kappa Alpha, California Climbing Team