Brandon Angulo

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EDUCATION

University of California, Berkeley **Graduated Aug 2024**
Bachelor of Arts in Data Science *Berkeley, CA*
- **GPA: 3.7/4.0**

SKILLS

- **Programming Languages:** SQL, Python, Java, C#, Ruby, Scheme, JavaScript
- **Tools:** Unity, Jupyter, Git, Power BI
- **Frameworks & Libraries**: Ruby On Rails, Pandas, NumPy, Scikit-learn, Statsmodels, Seaborn, Matplotlib
- **Languages:** English (Native), Spanish (Native), French (Elementary)
- **Soft Skills**: Problem-Solving, Collaboration, Critical Thinking, Analytical Thinking, Attention to Detail
- **Certifications:** BCG Data Science, PwC Switzerland Power BI, Quantium Data Analytics

PROJECTS AND EXPERIENCE

BCG Data Science Job Simulation on Forage **Feb 2025**
Data Scientist *Remote*
- Conducted a customer churn analysis simulation for XYZ Analytics, identifying key data and outlining an investigation approach.
- Performed data analysis with Python (Pandas, NumPy) and visualized trends for actionable insights.
- Engineered a random forest model, achieving 85% accuracy in predicting customer churn.

Action Map **Jul 2024 – Aug 2024**
Data Science/Software Engineering Student (Team of 4) *Berkeley, CA*
- Collaborated in a group to develop a civic data visualization tool using Ruby on Rails and JavaScript to empower informed decision-making.
- Built a web app to visualize civic data via APIs like Google Maps and Civic.
- Employed Agile practices (sprints, daily stand-ups), test-driven development, and responsive design.

Presidential Candidates Analysis **May 2024 – Jun 2024**
Data Science/Data Analysis Student (Team of 4) *Berkeley, CA*
- Conducted a causal inference study on 2018 U.S. primary candidates, finding party support increased election success by 71.9% (ATE = 0.719).
- Built logistic regression and random forest models, achieving 62% accuracy in predicting candidate endorsements.
- Processed and analyzed 1,585 candidate records, handling missing data and confounders to ensure statistical reliability.

Pacman AI **Jan 2024 - Jun 2024**
Data Science/Software Engineering Student *Berkeley, CA*
- Designed AI algorithms for game strategy, utilizing reinforcement learning and search algorithms.
- Implemented A search, Q-learning, and policy iteration* for intelligent pathfinding.
- Applied machine learning models for classification tasks such as digit recognition.

Predicting Housing Prices in Cook County **Oct 2023**
Data Science/Data Analysis Student *Berkeley, CA*
- Developed a regression model to improve tax assessment accuracy for property valuations.
- Performed feature engineering and exploratory data analysis to refine predictive accuracy.
- Evaluated model fairness to reduce bias in property tax assessments.