JAKE CHAQUICA

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EDUCATION

University of California, San Diego *September 2025*
B.S. in Economics
GPA: 3.8/4.0

RESEARCH INTERESTS

My research interests lie in macro-finance and applied econometrics, with a focus on monetary policy expectations and market responses.

TECHNICAL SKILLS

- Strong proficiency in Stata, R, MATLAB, Python, LaTeX, and Excel.
- Basic familiarity with Java and HTML; comfortable learning new programming languages as needed.
- Experience building replication packages for published papers, performing statistical inference, and conducting econometric modeling.

RESEARCH EXPERIENCE

Research Assistant - Macro/Finance, UCSD *March 2025 - Current*

- Extended forecast-instability and optimality tests for Fed funds rate horizons using Monte Carlo finite-sample critical values.
- Analyzed FOMC announcement-day repricing relative to pre-meeting market disagreement across rate horizons using OLS and rank-based estimators.
- Built an interactive Python tool to summarize Fed-market disagreement, visualize policy benchmarks, and evaluate forecast divergence.

Research Assistant - Political Economy, UCSD *December 2024 - March 2025*

- Constructed a 50,000+ record political-rally attendance database via large-scale web scraping for econometric analysis.
- Applied R-based statistical models to estimate rally effects on voter turnout, campaign funding, and public engagement.
- Standardized event-level metadata across sources by resolving inconsistencies in geolocation, dates, and organizer information.

REFERENCES

Francesco Amodeo
PhD Candidate, University of California, San Diego
Website: francescoamodeo.com
Email: famodeo@ucsd.edu

HOBBIES

Hobbies: reading and racing cars!