Conrad Voigt

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EDUCATION

University of California - Santa Barbara — ***Santa Barbara, CA***

Master of Science in Statistics and Financial Mathematics — *Expected Graduation June 2027*

- **Research Interest:** Machine and Deep Learning for Prediction Market Pricing; Quantum Computing in Finance
- **Involvement & Scholarship:** NCAA Division I Student-Athlete; Full Academic Stipend.

Stetson University — ***Deland, FL***

Bachelor of Science in Applied Mathematics and Economics | GPA: 3.95 (summa cum laude) — *August 2022 to May 2025*

- Combined academic history from Stetson and Saint Leo University.
- **Thesis:** "Predicting Prediction Markets: A Beta-Hidden Markov Modeling Approach"
- Six other student-faculty research projects, i. a. on ML and optimization across Computer Science, Economics, Finance, collected here.
- **Involvement:** NCAA Student-Athlete (Division I & II); Student Athlete Advisory Committee; Volunteer at several fundraising sports events; Presented research at Stetson Symposium (3x) and the SEA Annual Meeting (supported by the Dean's Award); Lead Economics Tutor and Econometrics Lab Assistant.
- **Honors:** Full-ride Academic & Athletic Scholarship; Outstanding Senior in Mathematics and Economics; Dean's List (6x); ASUN All-Academic Team; Omicron Delta Epsilon (Economics); Pi Mu Epsilon (Mathematics); President's Club (2x); Honors Program.

State Examination in Jurisprudence — ***Erlangen, Germany***

Intermediate State Examination | GPA: 11.25 points (top 10%) — *April 2022 to July 2023*

- **Coursework:** Constitutional, Civil, Criminal, Procedural, and Administrative Law, Legal Economics, French, Spanish, Arabic.

PROFESSIONAL EXPERIENCE

Department of Statistics and Applied Probability, UC Santa Barbara — ***Santa Barbara, CA***

Research and Teaching Assistant — *September 2025 – Present*

- Leads weekly discussions & labs for undergraduate financial mathematics and statistics courses
- Develops & grades assignments, providing targeted feedback on students' analytical and computational work.
- Provides academic support via office hours, clarifying theory & assisting with practical implementation in Python and R.

Independent Investment Account — ***Remote***

Polymarket Automated Market Maker — *May 2025 – Present*

- Engineered an autonomous, cloud-hosted market-making system in Python, trading 1500+ markets simultaneously.
- Implemented a microstructure-aware quoting strategy using a reservation price and a dynamic risk model to manage inventory, predict price moves, and maintain liquidity.
- Automated the full trading lifecycle via order book API and captured live data with WebSocket for continuous refinement.
- Projected a 43% annualized return and a Sharpe ratio >5 in backtests, generating profit from bid-ask spreads and liquidity rewards.
- Currently developing advanced capabilities in statistical arbitrage, ML-based alpha generation, and optimal execution.

Self-Directed Value Investor — *January 2021 - Present*

- Grew a concentrated, long-only portfolio to a six-figure value, achieving a 32.7% annualized return.
- Managed a 10–15 stock portfolio with low market correlation, selected based on intrinsic value and macroeconomic trends.
- Applied a time arbitrage strategy focused on long-term mispricings in businesses with durable fundamentals and a margin of safety.

Quanta Services, Inc. — ***Houston, TX***

Investor Relations Intern — *June 2025 - Present*

- Supported an award-winning IR program by preparing strategic communications and materials for quarterly earnings calls.
- Informed executive strategy by managing the investor database, analyzing sell-side research, and reconciling analyst models with internal forecasts.
- Prepared senior leadership for investor calls by creating a comprehensive Q&A document to anticipate analyst questions.
- Assisted the FP&A division with valuation and financial due diligence for potential M&A transactions.

Roland George Investment Program — ***DeLand, FL***

Lead Sector Analyst and Quantitative Researcher — *May 2024 – May 2025*

- Led real estate equity research for a $6.5M student-managed fund, conducting valuations (DCF, comps) and preparing pitch decks.
- Developed quantitative models for the Quick Reaction Fund (QRF), including an ML strategy that achieved a 24.1% annualized return over a 40-year backtest.
- Achieved top 3 placement in the 2025 CFA Institute Research Challenge (Florida Finals) for an equity research report, outperforming 20+ statewide teams.

Bundestag (German Federal Parliament) — ***Berlin, Germany***

Legislative Aide Intern — *February 2022 – April 2022*

- Supported Mrs. Bubendorfer-Licht (MoP) by conducting political research, producing reports, and managing citizen communications.

SKILLS

- **Programming & Software:** Python, R, SQL, Excel, FactSet, Bloomberg, PowerPoint, Latex, STATA.
- **Languages:** English (Near Native), German (Native), French (Intermediate), Spanish (Intermediate), Latin (Intermediate).