

Conrad Voigt

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EDUCATION

Stetson University

Deland, FL

Bachelor of Science in Applied Mathematics and Economics | GPA: 4.0

Expected Graduation May 2025

- **Honors & Scholarships:** NCAA Division I student-athlete; full-ride academic merit and athletic scholarship
- **Relevant Coursework:** Econometrics I & II, Algorithm Analysis, Real Analysis, Partial Differential Equations, Probability, Mathematical Statistics, Math for Data Science, Intermediate Microeconomics, Intermediate Macroeconomics, Equity Fund Management, Fixed Income Management, Senior Project
- **Research Interests:** Financial and economic applications of statistics, econometric modeling, machine learning in finance, market efficiency, stochastic differential equations, cost function optimization

Saint Leo University

Saint Leo, FL

Bachelor of Science with Honors in Economics | GPA: 4.0

August 2022 to May 2023

- **Honors & Involvement:** NCAA Division II student-athlete; All-Academic athlete; President's Club member

State Examination in Jurisprudence

Erlangen, Germany

Intermediate State Examination | GPA: 11.25 points (top 10%)

April 2022 to July 2023

- **Coursework:** Constitutional Law, Civil Law, Criminal Law, Procedural Law and Economics, French, Spanish, Arabic
- **Research Project:** "The Margin of Appreciation in the ECtHR's Case Law on Headscarves"

RESEARCH PROJECTS

The Impact of Employment Protection Legislation (EPL) on Unemployment

January 2024 - June 2024

- Investigated EPL's influence on unemployment across OECD countries (1996-2019) using a two-stage least squares (2SLS) model to address potential endogeneity.
- Demonstrated a significant positive relationship between stringent EPL and unemployment, with a one-point increase in EPL index correlating to a 5.52 percentage-point rise in unemployment, informing potential labor market reforms in high-unemployment contexts.
- Controlled for economic and institutional factors (GDP growth, investment) to validate findings, contributing to the labor market flexibility debate.

Factors Impacting Enrollment in Higher Education in the Context of it Signaling Market Structure January 2024 - Present

- Presented findings at the Southern Economic Association (SEA) annual meeting
- Explores how signaling mechanisms influence enrollment in higher education, using a panel regression model with National Center for Education Statistics (NCES) data (1996-2021).
- models the probability of changes in signaling strength based on institutional characteristics, student outcomes, and competitive positioning.

Logistic Regression-Based Systematic Trading: Performance on the S&P 500

July 2024 - Present

- Developed a Logistic Regression Portfolio (LRP) strategy to predict monthly stock price movements as a binary classification task, achieving a historical annualized return of 24.61%.
- Utilized a rolling regression model with a 10-year window to adapt to market shifts, with performance metrics including the Sharpe and Sortino ratios, and highlighted recent performance limitations.
- Recommendations include integrating machine learning techniques, such as sentiment analysis and macroeconomic indicators, to further enhance robustness.

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Cost Functions for Blockchain-Based Prediction Markets

August 2024 - Present

- Utilize daily time series data from Polymarket spanning over 100 different prediction markets on political, sports, and other significant global events.
- Develop and optimize a cost function using various approaches, including sigmoid functions, Logarithmic Market Scoring Rule (LSMR), and convex optimization, implemented in Python.
- Future work involves evaluating the cost function's behavior across diverse environments by employing techniques from stochastic differential equations (SDEs) and probability theory.

The Effect of ESG on Loan Pricing

September 2024 - Present

- The Effect of ESG on Loan Pricing August 2024 - Present
- Assisting Dr. Imes, Dr. Kouretas, and Dr. McCullough in studying ESG's impact on loan pricing, focusing on climate-related disclosures, carbon policies, and governance in corporate loan costs.
- Conducting literature review on ESG-related lending practices to contextualize the dataset and methodology.
- Future Work: Cleaning data, coding and running models, and assist in evaluating regressions for empirical analysis.

PROFESSIONAL EXPERIENCE

Roland George Investment Program, Stetson University

DeLand, FL

Lead Sector Analyst, Real Estate Sector

August 2024 - Present

- Leads equity research within the real estate sector for a \$6 million student-managed portfolio, preparing in-depth analysis and pitch decks for the investment committee, with valuations based on dynamic DCF models, public comparables, and Bloomberg data.
- Develops and backtests trading strategies for the Quick Reaction Fund (QRF) team, using advanced statistical techniques such as time series analysis, multivariate regression, and logistic regression to assess predictive accuracy and market responsiveness.
- Applies machine learning techniques to enhance financial analysis and forecasting, continually refining models for improved strategy adaptability and robustness

Academic Success, Stetson University

DeLand, FL

Economics Tutor and Econometrics Lab Assistant

January 2024 – Present

- Independently organizes lessons, schedules and content, ensuring effective course delivery.
- Independently designs and leads tutoring sessions for advanced economics and econometrics, enhancing student understanding of complex econometric methods and statistical modeling.

Bundestag (German Federal Parliament)

Berlin, Germany

Legislative Aide Intern

February 2022 – March 2022

- Provided direct support to Mrs. Bubendorfer-Licht (member of Parliament) by preparing and attending meetings.
- Conducted in-depth research and produced reports on various political topics.
- Managed communication with citizens, ensuring clear and effective engagement

LEADERSHIP ACTIVITIES & EXTRACURRICULARS

- **Student Athlete Advisory Committee Member** | Advocate for student-athlete welfare and campus engagement
- **Volunteer Coach, TV 1848 Erlangen Sports Club** | Mentored youth athletes, focusing on discipline and teamwork
- **Event Volunteer** | Assisted in organizing sporting events in Tampa and Orlando

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SKILLS

- **Programming & Software:** Python, STATA, Excel, PowerPoint, Bloomberg Terminal
- **Statistical Methods:** Time Series Analysis, Multivariate Regression, Logistic Regression, Econometric Modeling, Dynamic Financial Modeling
- **Languages:** German (Native), French (Intermediate), Spanish (Intermediate)

HONORS & AWARDS

- ODE Economics Honors Society
- Dean's List, Stetson University
- NCAA Division 1 ASUN All-Academic Team