# ALEXANDER TAM-SOLIS

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## EDUCATION

**University of Florida, Warrington College of Business** — **Gainesville, FL**
***Bachelor of Science in Business Administration – Finance*** — **May 2030**

- **SAT**: 1510/1600, Q:780/800
- Honors Program

## EXPERIENCE

**Estrada Hinojosa Investment Bank** — **Miami, FL**
***Public Finance Intern, 40 hours per week*** — **June 2025 – August 2025**

- Analyzed $1B+ outstanding debt for 25+ municipalities in Florida, synthesizing data from EMMA, ACFRs, budget books, as well as city council and commission meeting agendas to support financial advisory and underwriting strategies
- Created and updated a total of 30 in-depth client profiles, professional credentials books, and financial overviews using Word, PowerPoint, and Excel, highlighting debt refinancing opportunities, credit ratings, capital improvement plans, past bond deals, debt service schedules, and issuer financials, for client meetings and pitches to municipal issuers
- Developed working knowledge of municipal bond structures, including sinking fund provisions, make-whole provisions, and general obligation and revenue bonds, assessing their implications for municipal financing and debt repayment

## LEADERSHIP AND PROFESSIONAL DEVELOPMENT

**Caimanes Student Managed Equity Hedge Fund** — **Gainesville, FL**
***Technology Analyst*** — **September 2026 – Present**

- Conduct bottom-up fundamental equity research using Bloomberg Terminal and Refinitiv, developing financial models and analyzing valuation multiples, growth drivers, and competitive positioning to identify long/short investment opportunities
- Utilize derivatives, including call options, to hedge short positions and manage downside risk within a ~$1.5M actively managed portfolio, optimizing position sizing, portfolio diversification, and risk-adjusted exposure across equity holdings

**Florida Fixed Income Group** — **Gainesville, FL**
***Industrials Analyst*** — **September 2026 – Present**

- Analyze investment-grade and high-yield Industrials issuers within a $500K simulated fixed income portfolio, evaluating leverage, free cash flow generation, interest coverage, and debt maturity profiles to assess creditworthiness and default risk
- Build forward cash flow projections and perform relative value analysis using OAS, spread-to-rating dispersion, duration, and base/stress case scenarios to identify mispriced securities and generate risk-adjusted bond investment recommendations

## RESEARCH PROJECTS

**Stock Forecasting and Portfolio Optimization**
***International Baccalaureate Math Analysis and Approaches Standard Level Internal Assessment***

- Developed short-term stock price forecasts for TSLA and GOOG using Geometric Brownian Motion and Monte Carlo Simulations, achieving <5% MAPE accuracy and generating 68.2%/95.4% confidence intervals for predicted price ranges
- Implemented Modern Portfolio Theory to construct a minimal-risk portfolio, optimizing resource allocation to 86.2% GOOG and 13.8% TSLA, yielding a portfolio volatility of 4.55% and expected return of 5.11%

**Financial Analysis of Acquisition**
***International Baccalaureate Business Management Higher Level Internal Assessment***

- Evaluated the financial impact of ExxonMobil's $65B all-stock acquisition of Pioneer Natural Resources (PNR) by analyzing profitability and liquidity ratio trends across 2023–2025, quantifying short-term declines in net profit margins (-2.9%) and current ratio (1.48 to 1.15) against projected long-term gains from expanded Permian Basin production
- Applied Porter's Generic Strategies and the BCG Matrix to assess competitive positioning and portfolio impact, concluding the acquisition reinforces ExxonMobil's cost leadership strategy through reduced production costs of $30-40 pb (< 50% industry avg.) and diversifies revenue via PNR's "Cash Cow" market classification as an unconventional energy supplier

## ADDITIONAL INFORMATION

- **Certifications**: Certiport Entrepreneurship and Small Businesses, Anthropic AI Fluency Framework and Foundations
- **Skills/Languages:** Spanish (Limited Working Proficiency)
- **Interests**: DJing (House, Techno, Trance), Gastronomy, Traveling, Jiu-jitsu, Soccer, Track, Horror Movies