Aditya Thirumalai

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EDUCATION

The University of Arizona   Tucson, AZ
Bachelor of Science in Business Administration   *Expected May 2027*
- **Major:** Management Information Systems & Business Analytics
- <u>Academic Honors:</u> Dean's List Scholar (2023 & 2024) | Advanced Zipperman Associate | BNAD200 Case Winner | Junior Varsity - U of A. Microsoft Excel Collegiate Student | Preceptor - Programming for Business Analytics

PROFESSIONAL EXPERIENCE

Investment Analyst Intern   May. 2025 – August. 2025
Arizona Public Safety Personnel Retirement System   *Phoenix, AZ*
- Executed comprehensive due diligence and financial modeling (DCF, IRR, performance attribution) on live deals for the Global Private Equity and Real Assets portfolios.
- Analyzed investment reports, pitch decks, and financial statements for active investment opportunities, compiling executive summaries to accelerate the deal evaluation process..
- Improved forecast accuracy for Capital Appreciation and Contractual Income portfolios by creating a proprietary capital pacing model from scratch to forecast multi-year cash flows and deployment schedules.
- Constructed a dynamic Value Creation model and Management Fee model from scratch to assess investment viability and forecast profitability across various Real Assets and Real Estate portfolios.
- Programmed and back-tested quantitative trading strategies for emerging market international equities and commodities (crude, metals) to identify new sources of alpha for PSPRS's Equities Portfolio.

Intern - Commercial & Business Development   June. 2024 – August. 2024
Solinas Integrity Ltd.   *Chennai, IN*
- Conducted comprehensive market research on emerging technologies in robotic pipeline inspection sector, identifying critical growth opportunities and gaps in the Indian market.
- Spearheaded a taskforce alongside the business development team to create efficient sales strategies aiming to gain B2B and B2G clients in the robotic pipeline inspection and robotic septic tank cleaning sectors.
- Developed and implemented data-driven social media content strategies, resulting in increased product engagement and increased B2G client interest.

Research Assistant   August 2022. – February. 2023
FTC Solar Inc.   *Chennai, IN*
- Engineered advanced data models and full-scale CAD designs to optimize solar energy systems, using predictive analysis to maximize energy output and PV cell efficiency across residential and rural environments.
- Conducted data-driven analysis to identify areas for improvement in solar panel cleaning technology, achieving a 10% reduction in maintenance costs, while increasing robot lifetime by 15%.

Intern - Market Research Group   April. 2022 – July. 2022
Social Beat   *Chennai, IN*
- Conducted proprietary industry research on the Gen Z credit card market, analyzing user behavior and developing market maps for a client's new product launch, providing actionable insights that informed brand performance guidelines and investment strategies.

INVOLVEMENT & DEVELOPMENT

SPARK Entrepreneurship | Program Member   December. 2024 – Present
Eller College Of Management   *Tucson, AZ*
- Secured top honors for innovation and business viability in the McGuire Center SPARK competition by co-developing a scalable venture using advanced market analysis, prototyping tools, and expert-led pitching strategies.

Student Participant — Yavapai Street   June. 2025 – Present
Bloomberg Challenge & CME Competition   *Tucson, AZ*
- Developed and executed a long-only investment strategy using Bloomberg Terminal and $1M notional capital while analyzing market assumptions and constructed a diversified portfolio tracking against the WLS Index benchmark.
- Competing in real-time futures trading using CQG's professional trading platform.
- Gaining practical exposure to derivatives, market volatility, and professional trading tools.

ADDITIONAL INFORMATION

Technical: Excel, R Studio, Python, Tableau, SQL, Power BI, JavaScript, HTML/CSS
Financial: FactSet, MSCI Private I, Albourne Castle, OpenBB, Nasdaq Solovis
Skills: Microsoft Office, Autodesk Inventor, OnShape CAD, Jira, Canva, Adobe InDesign, Zoho CRM, LaTeX
Misc: Fluent in Tamil, *basic proficiency in* French & Hindi