Andrew "Rand" Luthringer

(914) 708-6740 | randluthringer@gmail.com | linkedin.com/in/rand-luthringer | andrewluthringer.tech

EDUCATION

University of Miami — Coral Gables, FL
B.S. Data Science and Artificial Intelligence; Minors in Entrepreneurship, Mathematics — *Aug 2022 – May 2026*

Cumulative GPA: 3.64 / 4.00, **Major GPA:** 3.81 / 4.00

Relevant Coursework: Artificial Intelligence, Machine Learning, Statistical Learning, Behavioral Statistics, Data Science, Economics, Marketing, Finance, Accounting

EXPERIENCE

Founding Product Engineer — June 2024 – Present
PadStats – B2B SaaS Real Estate Market Intelligence Platform — *Miami, FL*

- Gather and synthesize client and stakeholder feedback to guide product feature development and roadmap priorities
- Analyze platform behavior, including SEO performance, click-through patterns, and user journeys to inform product decisions and upcoming marketing campaigns
- Designed UI for MVP based on user feedback and behavioral insights, contributing to $100K in funding and early product adoption

Artificial Intelligence & Process Innovation Intern — May 2025 – Aug 2025
Perform Search — *New York, NY*

- Built data-driven summaries and predictive models to improve decision-making and reporting accuracy
- Developed LLM-based profile summarization and scoring agents that significantly reduced manual research time for recruiters
- Researched hundreds of private equity firms and portfolio companies to identify sector focus, investment patterns, and sourcing opportunities

Analyst — Sep 2024 – May 2025
Bonsai Applied Computations Group — *Miami, FL*

- Served as lead developer on a University of Miami Herbert Business School project, designing a genetic algorithm to model student preference patterns for targeted marketing and product development
- Built and optimized evolutionary algorithms to evaluate tradeoffs across multiple preference dimensions and converge on high-signal consumer segments
- Collaborated directly with business faculty and analysts to translate marketing objectives into quantitative models and actionable insights

PROJECTS

Market Signal Analysis Using Fourier Transforms — 2025
Python, NumPy, Pandas, SciPy, YFinance

- Applied Fast Fourier Transform (FFT) techniques to financial time series data to identify cyclical market patterns and underlying structural behavior
- Evaluated whether frequency-domain signals added explanatory value for volatility and short-term price movements relative to traditional technical indicators

ANALYTICAL SKILLS

Languages: SQL, Python, R
Tools: Excel, Power BI, Tableau, Google Analytics, Matplotlib
Certifications: Bloomberg Market Concepts, SQL for Finance Professionals, Python in Excel