Dylan Masters

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EDUCATION

The University of Chicago — **Chicago, IL**
Master of Science in Financial Mathematics — **Expected December 2025**
- Courses: Portfolio Theory & Risk Management, Python, Option Pricing, Probability & Stochastic Processes
- Awards: FinMath Alpha Scholarship

University of North Florida — **Jacksonville, FL**
Bachelor of Business Administration in Finance, Minor in Mathematics — **May 2024**
- Courses: Multivariable Calculus, Probability & Statistics, Linear Algebra, ODE, PDE, Programming II, Computational Structures, Portfolio Management, Investments, International Finance, Financial Management
- Awards: Magna Cum Laude; Dean's List; Hugh Van Seaton Memorial Scholarship

SKILLS

Computing: Python, Java, C
Knowledge: Fixed Income, Equity Option Trading, Volatility Trading, Portfolio Management, Foreign Exchange
Certifications: Securities Industry Essentials (SIE), Bloomberg Market Concepts, Adventis FMC Level I

EXPERIENCE

Deutsche Bank — **Jacksonville, FL**
FIC Sales, Trading, and Structuring Summer Analyst — **June 2023 - August 2023**
- Constructed a $100 million fixed income portfolio and delivered a presentation on its development
- Built a distressed company analysis to reconcile required figures for credit modeling
- Developed simulated foreign exchange trades using vanilla and exotic options
- Created multiple stratification tables to structure asset-backed securities
- Drove deal origination by modeling pricing calculations for affordable housing loans

Heritage Capital Group — **Jacksonville, FL**
Investment Banking Analyst Intern — **October 2022 - March 2023**
- Formulated a net working capital analysis for a $20mm EBITDA sell-side engagement
- Built fully circular financial models and valuations utilizing company-specific assumptions
- Facilitated in generation of pitch books, CIMs, and other marketing material
- Produced comps analyses using key company, transaction, and industry valuation multiples

The Energy Authority — **Jacksonville, FL**
Risk Intern — **April 2022 - October 2022**
- Drove counterparty credit analysis by engineering automated Excel models using Bloomberg's API
- Automated and consolidated extensive data pulls with Python, reducing daily pull-time by 50 minutes
- Executed confirmations of gas and power trades to propel client risk control
- Monitored counterparty letters of credit and related contracts to ensure coherent organization

EXTRACURRICULAR

University of North Florida's Osprey Financial Group — **Jacksonville, FL**
Student Managed Investment Fund Analyst — **August 2023 - May 2024**
- Generated 756 basis points of combined alpha for the client, leveraging long-only equity strategies
- Produced and presented weekly buy side reports/plays including investment recommendations, actively managing an equity portfolio of ~$1.7 million AUM
- Researched potential alpha opportunities across asset classes
- Developed the fund's first systematic trading strategy
- Managed the fund's fixed income portfolio, aligning exposure to dynamic rate expectations
- Synthesized and presented weekly coverage surrounding fixed income, commodity, and currency markets
- Analyzed and synthesized security data to optimize trade entry and exit
- Collaborated with 8 other analysts to construct comprehensive market views throughout the cohort

ADDITIONAL INFORMATION

Award: Black Belt in Tang Soo Do 1st Dan, 2nd Place USAPL Southeast Regional Championship
Interests: Texas Hold'em Poker, powerlifting, golf