

Michael Cronin

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EDUCATION

University of Massachusetts Amherst

Amherst, MA

Isenberg School of Management

Master of Finance: Specialty in Alternative Investments

Candidate, September 20XX

Cumulative GPA: 4.0

Syracuse University

Syracuse, NY

Bachelor of Science in Engineering

May 20XX

Cumulative GPA: 3.7

PROJECTS

MassMutual Venture Fund Capstone Project

Fall 20XX

- Performed market and company analysis of a consumer staples start-up in team of four peers for Project Manager
- Implemented valuation modeling and conducted due diligence
- Adhered to principles of Impact Investing as a primary factor in analysis
- Developed a comprehensive investment memo outlining the key investment details and company profile
- Participated in all team analysis, discussion and development of recommendations for final action steps

Derivatives Portfolio Management

Fall 20XX

- Constructed an Enhanced Index Portfolio that traded options on QQQ which provided higher risk-adjusted returns
- Optimized portfolio to receive the volatility risk premium while reducing risk to generate alpha by strategically selling out of the money strangles which are a combination of puts and calls that produce a higher premium price
- Generated 14.25% total return, 9.74% alpha, a Sharpe Ratio of .63 compared to benchmark which produced 6.62% returns
- Presented ongoing performance of the fund and overall strategy in a report presented to fellow peers and faculty
- Top performing portfolio of 4 groups executing a 2.96% higher return than the second top performing group

EXPERIENCE

Northeast Solar

Hatfield, MA

Finance Intern

Summer 20XX

- Forecasted project receivables to predict future cash flows, and operating expenses for current and past projects
- Prepared preliminary quotes for customers and calculated payback periods and lifetime savings of transitioning to solar
- Reconciled accounting books with active receivables and liabilities for ongoing projects
- Organized and categorized various expenses in order to be imported into QuickBooks

Environmental Energy Technologies

Syracuse, NY

Mechanical Engineering Intern

Summer 20XX

- Engineered and reviewed ISA and For Construction sets for commercial solar system designed using AutoCAD and PVCAD
- Developed a template for residential and commercial solar designs that increased efficiency and productivity by 50%
- Designed and evaluated 1-lines and site plans for interconnection design while using appropriate inverter sizing, stringing, grounding, and equipment selection that is within current NEC Code

LEADERSHIP EXPERIENCE

Bio-Medical Engineering Society

Syracuse, NY

Design Competition Team Lead

Spring 20XX

- Led group project in designing a functioning prototype of an omnidirectional wheelchair that would simulate functionality of wheelchairs to that of office chairs
- Conducted Finite Element Analysis on wheel in order to optimize design based on overall size/weight of individual
- Received 1st place recognition based on team presentation of design to an audience of ~ 150 students and faculty

SKILLS/CERTIFICATIONS

Technology: Proficient with: Bloomberg, Python, R, Advanced MS Excel and Power BI, STATA, SQL, Tableau, Financial Modeling, Monte Carlo Simulations; Python: programming fundamentals: iteration, conditioning, functions,

NumPy, Pandas, Matplotlib, Seaborn, Statsmodels, Scikit-learn and Jupyter/Colab notebooks

Certifications: Upon MFAI completion CAIA Level 1 Exam Waived