

William Crotty

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Education

Villanova University , Villanova, PA	Expected December 2025
<ul style="list-style-type: none">Master of Accounting with Data Analytics	
Bentley University , Waltham, MA	August 2018 - May 2022
<ul style="list-style-type: none">Bachelor of Science Degree in Finance & EconomicsMinor in Computer Information Systems	

Coursework & Projects

Equity Research & Valuation Project

- Conducted fundamental analysis of a publicly traded company, assessing financial statements, industry trends, and competitive positioning.
- Built Discounted Cash Flow and Comparable Company Analysis models to estimate intrinsic value and provide investment recommendations.

Leveraged Buyout Case Study

- Modeled a hypothetical private equity acquisition, evaluating debt structures, financing options, and return potential.
- Analyzed key drivers such as EBITDA growth, leverage impact, and exit multiples to assess investor returns.

Fixed Income & Credit Risk Analysis

- Assessed corporate bond markets using credit spreads, interest rate risk, and yield curve analysis.
- Evaluated company creditworthiness by analyzing leverage ratios, debt covenants, and rating agency methodologies.

Portfolio Optimization & Risk Management

- Developed an optimized portfolio using Modern Portfolio Theory to maximize return while minimizing risk.
- Conducted back testing using historical data to evaluate asset correlations and risk-adjusted performance.

Leadership Experience & Affiliations

Delta Kappa Epsilon Fraternity	August 2019 - May 2022
<i>Secretary</i>	
<ul style="list-style-type: none">Managed organizational communications, governance, and event planning for a 100+ member fraternity.Developed a financial budgeting plan for social and philanthropic events, optimizing cost efficiency.	

Experience

City Fitness Philadelphia , Philadelphia, PA	May 2023 – June 2024
<i>Operations Manager</i>	
<ul style="list-style-type: none">Developed and implemented key performance indicators to track operational success.Analyzed performance data, identified trends, and initiated improvements, increasing efficiency and customer satisfaction.	
Stone's Beverage Company , Philadelphia, PA	October 2022 – May 2023
<i>Operations Associate</i>	
<ul style="list-style-type: none">Led a team of distributors, optimizing logistics and enhancing delivery efficiency for wholesale and retail customers.Maintained detailed sales documentation and conducted in-depth sales analysis to drive strategic decision-making.	
Bentley Investment Group	Spring 2019 - Spring 2022
<i>Analyst</i>	
<ul style="list-style-type: none">Managed a portion of Bentley University's endowment fund, analyzing investment opportunities and financial trends.Conducted in-depth research on the energy sector, developing quantitative and qualitative models to assess performance.Tracked macroeconomic and sector-specific trends to provide strategic investment insights.	

Certifications, Skills, & Interests

Technical Skills: Data Analytics (Excel, SQL, Alteryx, Tableau, Power BI), Programming (Python, R)

Activities & Interests: Personal finance & investing, sports, fitness, skiing