

David M. Bromberg

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EDUCATION

The Wharton School at The University of Pennsylvania
Incoming MBA Candidate

Philadelphia, PA
Graduation Date: May 2026

Pennsylvania State University, Schreyer Honors College - Cumulative GPA: 3.85

Majors: B.S. Computational Mathematics, B.S. Economics

Honors: Phi Beta Kappa Society, National Society of Collegiate Scholars

State College, PA
August 2017 – May 2021

WORK EXPERIENCE

Omega Point Research Inc.

New York, NY

Product Solutions Consultant

April 2024 – Present

- Design Python infrastructure and function templates for internal teams to automate custom reporting packages for clients
- Integrate Omega Point's API with Box.com via Python to facilitate the secure and automatic transfer of documents

Product Solutions Engineer

January 2022 – April 2024

- Provided quantitative management and risk mitigation expertise to hedge funds with a combined AUM of \$1 trillion
- Designed semi-automated equity trading strategies focused on mitigating factor risk by leveraging Omega Point's GraphiQL API
- Compiled insights from prospective clients' investment portfolios to enhance the sales team's value proposition presentations
- Conducted demos for prospective clients, provided training for new clients, and facilitated ongoing education for existing clients
- Authored 20+ editions of the blog 'Factor Spotlight,' providing market trend insights to a weekly audience of more than 3,000 readers
- Managed the renewal process and identified upsell opportunities for current clients, securing \$3,870,682 in annual recurring revenue
- Led the onboarding and systems integration of newly acquired clients, totaling \$2,735,300 in additional annual recurring revenue
- Gathered client feedback and worked with the product team and full-stack engineers to align development goals with client needs
- Wrote Python scripts to extract, process, and format data into customized reports, tailored to specific client's investment portfolios
- Partnered with BlueSky AI to streamline and automate data collection and interpretation for 'Factor Spotlight'
- Onboarded and mentored new hires by developing a comprehensive training program to accelerate their integration to the team

Bank of America Securities

New York, NY

Equity Capital Markets Analyst – Convertibles & Equity-Linked Products

July 2021 – January 2022

- Priced a \$200mm convertible bond for Camtek Ltd., achieving the best-ever pricing terms in the Israeli Semiconductor industry
- Participated in the working group for two transactions in the Technology sector, totaling \$700 Million in issuances
- Used Excel and PowerPoint to price and present over 50 potential convertible bond issuances and equity forward sales
- Sourced, cleaned, and consolidated data for the internal distribution of memorandums on recent convertible bond issuances
- Reviewed 10-Ks and 10-Qs to extract relevant data on comparable instruments for convertible pricing and hedging solutions

RESEARCH EXPERIENCE

Schreyer Honors College Undergraduate Thesis

State College, PA

Author – A Mathematical Approach to Splitting Two Fried Eggs

July 2020 – April 2021

- Designed an algorithm for finding the optimal cut in a system involving an outer function and two non-intercepting inner functions
- Created Python models using the NumPy and Matplotlib libraries to solve and visualize any configuration of the problem
- Penned a 35-page thesis paper with an explanation of the algorithm, key insights on solutions, and input/output combinations
- Access the complete paper at: https://honors.libraries.psu.edu/files/final_submissions/7116

SCORES & CERTIFICATIONS

FINRA: Series 79

August 2021

FINRA: Series 63

August 2021

FINRA: Securities Industry Essentials

June 2021

OTHER SKILLS & INTERESTS

Computer: Microsoft Applications, Python, GraphiQL (Proficient), SQL, HTML, CSS (Intermediate)

Language: Native in Spanish, basic proficiency in Hebrew

Interests: Music (Advanced Guitar, Intermediate Piano), Hiking, Latin American Politics, Mathematics, Physics, Soccer