

David M. Bromberg

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WORK EXPERIENCE

Omega Point Research Inc.

New York, NY

Independent 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 Associate

January 2022 – April 2024

- Acted as a subject matter expert, consultant, and support contact for clients with a combined AUM of \$1 Trillion
- Managed the renewal processes 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
- Conducted demos for prospective clients, provided training for new clients, and facilitated ongoing education for existing clients
- Gathered feedback from clients and served as a liaison with the product team, aligning development priorities with client needs
- Compiled insights from prospective clients' investment portfolios to aid the Sales team in presenting a compelling value proposition
- Utilized Python and GraphiQL to extract and process data, crafting Excel-based reports tailored to specific client needs
- Crafted over 20 editions of Omega Point's blog 'Factor Spotlight', with a weekly readership of more than 3,000 people
- Partnered with BlueSky AI to streamline and automate data collection and interpretation for 'Factor Spotlight'

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 10Ks and 10Qs 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
- Wrote a 35-page thesis paper with an explanation of the algorithm, key insights on solutions, and applications for real-life problems
- Access the complete paper at: https://honors.libraries.psu.edu/files/final_submissions/7116

EDUCATION

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

State College, PA

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

August 2017 – May 2021

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

Relevant Coursework: Accounting, Computational Econometrics, Consumer Theory, Discrete Mathematics, Data Structures, Intermediate Python Programming, Monetary and Fiscal Policy, Multivariable Calculus, Numerical Analysis, Real Analysis

SCORES & CERTIFICATIONS

FINRA: Series 79

August 2021

FINRA: Series 63

August 2021

FINRA: Securities Industry Essentials

June 2021

Putnam Exam: 1/120

December 2020

OTHER SKILLS & INTERESTS

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

Language: Native in Spanish, basic proficiency in Hebrew

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