

## **EDUCATION**

### **Columbia University – Department of Industrial Engineering and Operations**

*B.S. in Operations Research with a concentration in Financial Engineering*

**New York, NY**

*September 2024 – May 2026*

### **Columbia University – Fu Foundation School of Engineering and Applied Science**

*M.S. in Financial Engineering (expected)*

**New York, NY**

*August 2026 – August 2027*

### **Simmons University - School of Business and Mathematics Division**

*B.S. in Financial Math; Minors in Data Science, Software Development, and Scientific Computation*

**Boston, MA**

*September 2021 – May 2024*

- Cumulative GPA: 3.9/4.0; Dean's List
- 3+2 Combined Engineering program

## **WORK EXPERIENCE**

### **Mizuho Securities**

*Fixed Income Sales & Trading Summer Analyst*

**New York, NY**

*June 2025 – August 2025*

- Rotated across FX and MBS desks, analyzing trading flows, risk, and market trends
- Automated risk breakdowns and trading reports in Python, reducing manual processing time and improving visibility into daily PnL and exposures

### **Major League Baseball Players Association**

*Finance Intern*

**New York, NY**

*October 2024 - May 2025*

- Supported the finance team by reconciling player compensation data, licensing revenues, and collective bargaining allocations
- Built Excel-based financial reports to streamline tracking of royalties and player-related income streams

### **Barings LLC**

*Portfolio Solutions & Analytics Intern*

**Charlotte, NC**

*June 2024-August 2024*

- Supported the Investment Grade team in training models to find opportunity sets in markets
- Developed and implemented Python-based solutions for ad-hoc projects, utilizing machine learning techniques and libraries such as SciPy, Scikit-learn, NumPy, and pandas

### **HarbourVest Partners LLC**

*Portfolio Analytics Intern*

**Boston, MA**

*June 2022 – May 2024*

- Analyzed and reconciled investor portfolio data to year-end financial statements
- Retrieved financial statements and capital accounts from investor portals

### **Chicago Trading Company**

*Quantitative Trading Summer Analyst*

**Chicago, IL**

*June 2023 - August 2023*

- Mirrored the full-time role of a Quant Trader and utilize the trading technology on a day-to-day basis
- Attended trainings surrounding options trading and quantitative methods commonly used for options pricing and trading

### **Simmons University**

*Academic Mentor*

**Boston, MA**

*June 2022 – May 2024*

- Provide over 60 first-year students with academic resources and mentorship
- Collaborate with 6 other student mentors and university departments to plan events and participate in training activities

### **Simmons University**

*Statistics Teaching Assistant*

**Boston, MA**

*Spring 2022, Fall 2023*

- Graded weekly assignments and provided students with feedback regarding the course projects
- Conduct tutoring appointments with students and help with the in-person R Studio Lab classes

### **CliftonLarsonAllen LLP**

*Program Support Intern*

**Boston, MA**

*June 2022 - May 2023*

- Helped a non-profit collect tax-based donor information and adapt the data in their cloud-based software

### **Driving Forward**

*Intern*

**Boston, MA**

*June 2022 - September 2022*

- I was the lead intern of my team for a business case study competition on how businesses can adapt to changes in the world
- Demonstrated an understanding of skills in analytics, business case development, market research, and business operations

**The Medical Office of Dr. Ann Mercer***Medical Billing***Las Cruces, NM***May 2020 – August 2021*

- Coded and billed for electrocardiograms that the doctor read using the SiliconMesa Electronic Health Record system
- Verified patient insurance information and contacted patients regarding their insurance while maintaining HIPPA standards

**The Mercer School***Math and Science teacher***Las Cruces, NM***June 2021-August 2021*

- Taught 11 through 18-year-olds individually in various science topics and Pre-algebra through Algebra 2
- Helped students prepare for the GED exam

**LEADERSHIP & PROGRAMS****Columbia Lioness Quantitative***Founder, Co-President***New York, NY***November 2024 – current*

- Founded Columbia's first women-in-quant finance organization; scaled to 110+ members in 6 months
- Built partnerships with top quant firms to host technical workshops, speaker events, and recruiting pipelines

**Akuna Capital***Sneak Peak Week Women+***Chicago, IL***August 2025*

- Selected for a competitive women-in-quant program on options market making and quantitative trading

**Simmons University Engineering Liaison***Advising Chair***Boston, MA***November 2023-current*

- Assist with curriculum planning for the 3+2 Engineering Program at Simmons from a student perspective
- Provide students in the program with filling in their schedule for their 3 years at Simmons

**Driving Forward Coach***Alumni Coach***Boston, MA***January 2024 – March 2024*

- Lead a team of 5 interns in the program through a business case study competition by providing insight into my experiences when I participated in the Driving Forward program

**PROJECTS****JP Morgan Chase***Data For Good Hackathon***Columbus, OH***October 14-15 2022*

- Built a K-means clustering model to determine which city would be the ideal for a non-profit organization to expand to
- Utilized R and SQL to integrate datasets and pandas to construct the model, and filtered which geographic location contains the neediest population determined by resources to aid the homeless youth population and the growth rate of the homeless youth population compared to the area's population growth

**ADDITIONAL INFORMATION***Skills:* Advanced knowledge of German & Spanish*Technology:* Proficient in Microsoft Word, Excel, PowerPoint, and have knowledge of Python and R*Interests:* Chess, Sailing, Volleyball, and Baking*Certifications:* HIPPA certified, American Sailing Association Sailboat Handling, and Chess Tournament Director