Sophia Moore

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EDUCATION

Columbia University – Department of Industrial Engineering and Operations   **New York, NY**
B.S. in Operations Research with a concentration in Financial Engineering   *September 2024 – May 2026*

Simmons University - School of Business and Mathematics Division   **Boston, MA**
B.S. in Financial Math; Minors in Data Science, Software Development, and Scientific Computation   *September 2021 – May 2024*
- Cumulative GPA: 3.9/4.0; Dean's List
- 3+2 Combined Engineering program

WORK EXPERIENCE

Barings LLC   **Charlotte, NC**
Portfolio Solutions & Analytics Intern   *June 2024-August 2024*
- Help the investment teams make informed decisions in the areas of asset allocation and risk management and design customized product solutions tailored to our clients' individual needs

HarbourVest Partners LLC   **Boston, MA**
Portfolio Analytics Intern   *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   **Chicago, IL**
Quantitative Trading Summer Analyst   *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   **Boston, MA**
Academic Mentor   *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   **Boston, MA**
Statistics Teaching Assistant   *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   **Boston, MA**
Program Support Intern   *June 2022 - May 2023*
- Helped a non-profit collect tax-based donor information and adapt the data in their cloud-based software

Driving Forward   **Boston, MA**
Intern   *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   **Las Cruces, NM**
Medical Billing   *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   **Las Cruces, NM**
Math and Science teacher   *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

Simmons University Engineering Liaison   **Boston, MA**
Advising Chair   *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   **Boston, MA**
Alumni Coach   *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   **Columbus, OH**
Data For Good Hackathon   *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