Sarah Sawyer

(713) 392-2603 • sarahsawyer2024@u.northwestern.edu • Denver, Colorado

EDUCATION

Columbia University, Fu Foundation School of Engineering and Applied Science New York, New York
- Master's of Science in Financial Engineering   Expected Graduation December 2025

Northwestern University   Evanston, Illinois
- Majors: Computer Science BA, Economics BA   Expected Graduation June 2024
- Certificates: Segal Design Certificate
- GPA: 3.44
- Relevant Coursework: Machine/Online Learning, Deep Learning, Graphics, Game Design

The Taft School   Watertown, Connecticut
- Honor Roll, ACT: 34   August 2017 - May 2020
- National Merit Scholar, Dormitory Monitor in Centennial Dormitory, Varsity Rowing

EXTRA-CURRICULAR INVOLVEMENT

The Garage @ Northwestern   Evanston, Illinois
EPIC Launch Program, President (2023 - Present), Mentor (2022 - 2023)   January 2022 - Present
- Advised 30 students every quarter and introduce them to the startup ideation process
- Led a team of 8 mentors to provide targeted advice to each team
- Presented material surrounding user verification, prototyping, and creating effective pitches weekly

Circle of Women   Evanston, Illinois
Northwestern Chapter Co-President   January 2022 - January 2023
- National non-profit organization supporting girls' education in third world countries
- Managed 4 functional teams and oversaw the planning and execution of each year's selected project
- Contributed to the research, communication with, and selection of a final project that aligns with the organization's goals

Boston College Women's Varsity Crew   Boston, Massachusetts
Rower   August 2020 - May 2021
- Recruited by NCAA - Division 1 Program
- Trained 20+ hours per week perfecting technique, improving fitness, accountability, and teamwork while balancing a full course load

EXPERIENCE

SONIC Research Group   Evanston, Illinois
Data Science Intern   June 2023 - Present
- Current Project: Investigating how intellectual property rights affect scientific discovery by analyzing patent applications, inventor collaboration, and knowledge diversity
- Cleaned all patent data from the U.S. Patent Office between the years of 2001 to 2023
- Performed data analysis and visualizations using a combination of Python, R, and Excel
- Paper accepted to INSNA Sunbelt 2024

First Western Trust Bank   Denver, Colorado
Strategic Projects Intern   May 2021 - September 2021
- Aligned loan documentation from a recently acquired bank using Excel
- Collaborated with management to present analysis of research and remedy incomplete files efficiently

RELEVANT PROJECTS

dowNUnder   The Garage @ NU
Co-Founder   January 2022 - June 2022
- Assessed market data from 95 students to verify problem space
- Created a minimum viable product based on user feedback of a digital database for club information at Northwestern
- Worked with a team of 4 to participate in and win the final pitch competition against 7 other teams

SKILLS

- Python, R, C/C++, JavaScript, Assembly, HTML, Racket, Stata, Figma, English (native), Spanish (B2)