

Mariam Naser

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EDUCATION

Columbia University, Barnard College, New York, NY

May, 2025

BA in Computer Science

BA in Philosophy

Academy Of Software Engineering, New York, NY

June 2020

Awards: Valedictorian

WORK EXPERIENCE

Columbia Nano Initiative, *Student Assistant*, New York, NY

Jan 2022 – Present

- Developed file managing program, increasing end of year filing productivity by 80%.
- Drove an Initiative in developing an invoice parser to increase workflow efficiency
- Leveraged 3 APIs simultaneously to maintain accurate records

The Cliffs, Long Island City, NY

Jan 2020 – Sept 2022

Instructor (Jan 2021 - Sept 2022)

- Educated 8-12 adults on rock climbing practices for 3 hours at time while assessing risk
- Fostered positive learning community to build confidence and enable deeper thinking

Coach (Jan 2020 – Sept 2022)

- Collaborated with peers in developing training programs
- Managed 20+ children, ages ranging from 4 to 17, throughout climbing training

LEADERSHIP EXPERIENCE

Kinship Climbing Collective, *Mentor*, New York, NY

2018 - Present

- Mentored a group of high school climbers, assisting on skill and personal development
- Established regular check-ins to guide climbing and personal development

Barnard Buddies, *Vise President*, New York, NY

Sept 2022 – Mar 2024

- Organized weekly networking events for Columbia University Students
- Supported participants in finding, and navigating resources on campus

Bridge to Enter Advanced Mathematics, *Vise President*, New York, NY

Sept 2022 – Mar 2024

- Organized weekly networking events for Columbia University Students
- Supported participants in finding, and navigating resources on campus

SKILLS AND INTERESTS

- *Computer Languages*: Python, Java, C, JavaScript, SQL,HTML,CSS
- *Tools*: Git, REST API, Jenkins, AWS, MySQL, MongoDB