**Mariam Naser**

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**EDUCATION**

**Columbia University, Barnard College,** New York, NYMay 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 initiative to develop 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 a time while assessing risk
* Fostered a 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 with 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