

# Mariam Naser

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## EDUCATION

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**Columbia University, Barnard College**, New York, NY

May, 2025

*BA/BS in Computer Science & Philosophy*

*Relevant Coursework: Computer Networks, Data Structures, Databases, UX, Advance Programing*

**Academy Of Software Engineering**, New York, NY

2020

*Awards: Valedictorian*

## WORK EXPERIENCE

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

Jan 2022 - Present

- Managed and processed invoices and purchase orders for lab supplies, ensuring timely payments to vendors and compliance with college policies.
- Coordinated with lab staff and faculty to verify and reconcile expense reports, maintaining accurate financial records.
- Prepared periodic financial reports and assisted in budget forecasts to support lab management in tracking spending and budget utilization.

**The Cliffs**, Long Island City, NY

Jan 2020 – Sept 2022

*Instructor* (Jan 2021 – Sept 2022)

- Ensured safety while teaching lead and top rope climbing to beginners using risk management.
- Fostered a positive learning atmosphere, enabling students to build confidence in risky environment.

*Coach* (Jan 2020 – Sept 2022)

- Delivered practice content and coaching to youth climbing teams, fostering physical, mental, and emotional development.
- Collaborated with supervisors to plan and execute training programs, competitions, and events, ensuring a supportive and inclusive team environment.

## LEADERSHIP EXPERIENCE

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

2018 - Present

- Mentored high school-aged queer and women climbers, focusing on skill development and personal growth.
- Fostered confidence and inclusivity within the mentee group.

**Füdies**, *President*, New York, NY

2018

- Elected to lead a high school startup; spearheaded the development of an app prototype and crafted a comprehensive business plan.
- Successfully presented business strategy to potential stakeholders, demonstrating leadership and project management skills in a team-oriented startup environment.

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

September 2022 – March 2024

- Organized weekly events aimed at fostering networking and relaxation for Columbia University students.
- Supported a positive and engaging atmosphere, enhancing student well-being and connectivity.

## SKILLS AND INTERESTS

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- *Computer Languages: Java, Python, C, HTML, CSS, JavaScript*
- *Computer Tools: Git, Node.js, SQL, NumPy, Linux, Unix, LaTeX, Microsoft Suit*
- *Language Skills: Arabic (Intermediate – Advanced)*