

# Hailemariam Mersha

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## EDUCATION

### New York University Abu Dhabi(NYUAD)

*Bachelor of Science in Computer Science, and Mathematics*

Abu Dhabi, UAE

Aug. 2023 – May 2027

### Debre Markos General Secondary School

*High school Diploma*

Debre Markos, Ethiopia

Aug. 2018 – May 2022

## EXPERIENCE

### Undergraduate Research Assistant

*Mubadala ACCESS*

May 2024 – Present

NYUAD, Abu Dhabi

- Perform a thorough literature review to understand current research and findings related to climate change in the Arabian Peninsula
- Utilize Python programming skills to access and manipulate CMIP datasets for analysis.
- Analyze the data using statistical methods and visualization techniques to identify trends and patterns.

### Undergraduate Research Assistant

*STEM outreach*

June 2022 – August 2022

Debre Markos University , Ethiopia

- Perform a thorough literature review to understand current research and findings
- Managed and led lab facilities at the University, wrote chemistry lab reports and led experiments.
- Assisted a professor in the STEM outreach program while studying there.

### Spiritual Life Ambassador

*Spiritual Life, Intercultural Education, and Conflict Transformation (SLIECT)*

Jan 2024 – Present

NYUAD, Abu Dhabi

- Facilitated spiritual life workshops
- promoting events and creating spaces for spiritual reflections.

### Administrator

*Ethiopian and Eritrean Students Association (EESA)*

Aug 2023 - Present

NYUAD, Abu Dhabi

- EESA is a student interest group at New York University Abu Dhabi that promotes east african culture and identity.
- Coordinate events promoting African culture and reality.
- Facilitate cultural initiatives, and foster unity and appreciation within the university

### Community Outreach

*Math Student Interest Group*

May 2024 - Present

NYUAD, Abu Dhabi

- Organize and promote events, publicity work
- advertise, plan and host competitions
- Facilitate the interest in math and STEM in the university

### Volunteer

*NYUAD Community Outreach*

Jan 2024 – Present

NYUAD, Abu Dhabi

- Participated in the 8th United Nations Conference on Trade and Development (UNCTAD) World Investment Forum and Conference of the Parties (COP28)
- Assisted speakers and diplomats, and made reports of conferences.
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- Campus tour guide during Open Campus Day

## TECHNICAL SKILLS

**Languages:** Python, C/C++, HTML/CSS

**Developer Tools:** Git, Docker, VS Code, Visual Studio, PyCharm

**Libraries:** pandas, NumPy, Matplotlib, xarray