

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 intersert 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