

name of the applicant

Debre Markos, East Gojjam, Amhara, Ethiopia

Mobile: phone and email gmail.com

Education

Haddis Alemayehu Special Boarding School

GPA: Unweighted: 98.175/100; Rank: 1/60

Relevant Coursework: Pre-calculus, Calculus, Atomic Physics, Quantum physics and chemistry, Electromagnetism, Genetics & Genetical engineering, Nanotechnology, Writing & Rhetoric.

Experience

Smart Skills Association, SSA

President & Founder

- ❖ Working with a NASA scientist Dr. Endawoke, I did research on the 12 alien species and their interactions with our planet earth. I presented my study at the annual symposium of the Ethiopian Space Science Society.

Haddis Alemayehu Students Association, HASA

Co-founder and vice president

- ❖ Integrated all locally born communities and founded HASA—to create a platform by which students & others bring progress to their nation unitedly.

Debre Markos STEM Center, DMU-STEM

Team Leader

- ❖ Led a team and designed many projects like an automatic plant waterer & small camera drone; developed two android apps; awarded an HP laptop.

Debre Markos University Institute of Technology, DMUIT

Programmer

- ❖ Learned Python, Java, html, 'BunnaScript' & AI at DMU; gave classes for technology club members in my school; won 'BunnaScript' coding contest.

Addis Coder beta, Bahir Dar University STEM Center, BDU-STEM

Programmer and simple website developer

- ❖ Learned C#, JavaScript; gave tutoring STEM selected student and shared my previous experience; did research with Pr. Jeleni on artificial intelligence and presented on DMU national information and technology annual symposium.

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Biology, Physics & Math Teacher for Over Three Years

- ❖ Tutor Biology, Physics & Math for grade 10, 11, & 12 students in my boarding school; every Saturday, I am with 110 students to explain abstruse concepts to them. In summer, I teach PHYS, CHEM, and MATH in hometown for middle school (230 students); gave 25 books, laptop and digital library to the HASBS school library; awarded by the education bureau.

Honors/Awards

- 2nd place (out of 3,000) in the 2021 East African Virtual Math Competition
- 1st place (out of 2,000) in the 2019 Amhara State Regional Boarding School Entrance Examination. The entrance exam was taken by 13 zones and 158 woredas of Amhara State. The exam includes 5 subjects (PHY, CHEM, BIO, MATH, ENG). I earned a 1st place (95/100)
- 1st best student in the 2019 Physics & Math Regional State Annual Competition (MPPM)
- Won 'Alegnita' Amhara State Students' Science Radio Competition
- 1st place for four consecutive years in my boarding school...

ADDITIONAL SKILLS

Proficient in Adobe InDesign, Adobe Photoshop, news article writing, public speaking, Basic knowledge in html, Python..., WordPress. GE'EZ as Third Language, three acrobatic activities, swimming and bicycling skills.