



EPHREM BZUAYEHU ASMAMAWU

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ABOUT MYSELF

I am a master's student in Energy Engineering with a Mechanical Engineering background and hands-on experience in computer-based vehicle systems, and advanced energy modeling tools. and problem-solving. I am passionate about renewable energy and sustainability, with a focus on energy efficiency and innovative technologies. My goal is to apply my expertise to develop solutions that contribute to a more sustainable and energy-efficient future.

WORK EXPERIENCE

GENERAL MOTOR SHEAR COMPANY – Addis Ababa, Ethiopia

City: Addis Ababa | **Country:** Ethiopia

Motor vehicle engine inspector

[20/01/2021 – 01/08/2022]

- Diagnosed and maintained vehicle electrical systems using scanners and computer-based tools.
- Specialized in troubleshooting and repairing automotive electrical components.

Internship

[15/12/2024 – Current]

- Conducting research on reducing building energy consumption in collaboration with MANENS S.P.A. Padova, Italy
- Applying modeling tools and sustainable design techniques to improve energy efficiency in building operations

EDUCATION AND TRAINING

Mechanical Engineering

School of Mechanical Engineering, Ambo University Institute of Technology

City: Ambo | **Country:** Ethiopia | **Website:** <https://ambou.edu.et/> | **Level in EQF:** EQF level 6

Erasmus+ Exchange Program

Warsaw University of Technology – Faculty of Power and Aeronautical Engineering, Warsaw, Poland [17/02/2024 – 20/07/2025]

City: WARSAW | **Website:** <https://eng.pw.edu.pl/> | **Level in EQF:** EQF level 7

Current Studies in Energy Engineering

University of Padua

City: padua | **Country:** Italy | **Website:** <https://www.unipd.it/en/> | **Level in EQF:** EQF level 7

LANGUAGE SKILLS

Mother tongue(s): Amharic

Other language(s):

English

LISTENING C1 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Italian

LISTENING A2 **READING** A2 **WRITING** A2

SPOKEN PRODUCTION A2 **SPOKEN INTERACTION** A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

SKILLS

Google Drive / Microsoft Excel / Microsoft Powerpoint / Microsoft Office / programming: Python, MATLAB and SQL / Ansys, AutoCAD, Corel Draw / Open Studio / energy plus / Rhino

ORGANISATIONAL SKILLS

Academic Tutor Coordinator

Coordinated Academic Tutoring Activities: Organized and supervised tutoring sessions for students, ensuring they received the necessary academic support to excel in their studies'