

ABENEZER FIKREMARYAM

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[LinkedIn](#)

Addis Ababa, Ethiopia

PROFILE

Motivated and Dedicated Electromechanical Engineering with a strong foundation and hands-on experience in Robotics, Automation and Control Systems. Resourceful problem-solver, fast learner and adept communicator. Self-starter with equal expertise in team collaborations, eager to bring innovative solutions to advanced research in robotics.

SKILLS

Specialties: Engineering Software, Programming Languages & Control Systems
Engineering Software: AutoCAD, SolidWorks, MATLAB, Multisim, Proetus, MikroC for PIC, Siemens, Gazebo, Robot Studio
Programming Languages: C, C++, PLC Programming & Python
Control Systems: PID, HMI, DCS, SCADA systems, PLC (Siemens TIA Portal, Allen-Bradley, RS Logix)
Experience in: Lathe & Milling Operation, Welding, CNC Machines & 3D Printing

EXPERIENCE / PROJECTS

Beton PLC
Electromechanical Engineer:

- Designed & prepared 3D Models for 3D Printing
- Operated CNC Laser Machine

Addis Ababa, Megenaghna
Oct 2024 - Present

Hawassa University
Undergraduate Thesis:

- Design & Simulation of Automatic Injera Baking Machine.
- Aimed at Reducing Manual Labor & Increasing Production Rate.

Hawassa, Sidama
Feb 2024

Bruh Ethiopia Innovative Business Idea Competition
National Competition:

- Award Winner of 2023 Bruh Competition.
- Enhanced precision by integration of CNC-based automation in manufacturing processes.
- Received \$5,000 grant and Certificate from Ministry of Labor & Skills.

Addis Ababa, Ethiopia
Jun 2023

YEEP Competition
Young Entrepreneur Exchange Project:

- Winner of 2023 YEEP competition held at Hawassa University.
- Received Working Space, Material Support & Certificate of Training Completion.

Hawassa University, Sidama
Apr 2023

Yared Industrial Modification
Internship:

- Worked as an intern at Yared Industrial Modification.
- Designed and simulated a microcontroller-based machine aimed at enhancing precision in commercial manufacturing processes.
- Conducted mechanical tasks such as Welding, lathe and Milling operations.

Hawassa, Sidama
Jan 2023

Clara Project
Participation in Project & Training:

- Participated in the Clara Project on improving the system on Water Purification Project.
- Completed Arduino Training Program.

Hawassa University, Sidama
Jan 2023

Lancet General Hospital

Full-time Employee:

- Worked as Technician, Graphic Designer & Social Media Manager.
- Managed in Internal & External Communication, Social Media Campaigns.
- Served as Electrical and IT Technician.

Addis Ababa, Ethiopia

Jan 2020 - Mar 2021

EDUCATION

Hawassa University

Bachelor of Science in Electromechanical Engineering

- Scored the highest result in the National Exit Exam from the Department of Electromechanical Engineering.

Hawassa, Sidama

Oct 2020 – Jul 2024

Udacity

Nano Degree in Data Analysis Fundamentals

Aug 2024

PERSONAL INTERESTS

- Guitar & Piano
- Music Production ([abenytone](#))
- Photography