

Kidus Wegayehu



Enthusiastic Electrical and Computer Engineer with a profound interest in information technology, networking and Embedded systems Engineering, with strong skills in collaborative problem-solving, project management, and embedded systems programming.

EDUCATION

Electrical and Computer Engineering student

Addis Ababa Institute of Technology, AAU

2019-2024

WORK EXPERIENCE

Intern student

4K labs

06/2022 - 7/2024

A fab lab under the computer science department, AAU

[4k labs](#)

Achievements/Tasks

- I have designed Arduino projects and worked on 3D printing
- Developed an AI-powered Tic Tac Toe game
- Played a pivotal role in revitalizing a Magic Mirror project
- Created a WireBuzz game with integrated scoring and victory conditions
- Provided mentorship to junior members of the embedded systems team

Intern Graphic designer

Qene Studios

08/2023 - 02/2024, Addis Ababa

A music-producing studio

PROJECTS

- created a smart distribution transformer monitoring system that has sensor networks, web interfaces, communication systems, and prediction algorithms.
- I Have designed an 8-bit ALU with the display.
- Created a dictionary application that translates English words to Amharic using Java.
- Designed a CNC motor control program.
- I have designed an electrical installation plan for a 6-story hospital using AUTOCAD.
- I have designed a road lighting installation design for the road Yekatit 12 square to 5 kilo.

SOFTWARES

Proteus and Multism

- I can design both analog and digital circuits

Adobe Illustrator and Adobe Photoshop

- I can design stunning Visuals both in vector and raster formats

Matlab Simulink, PSIM and AUTOCAD

- I can do data analysis and visualization, create power and control systems and electrical installation designs.

Altium Designer

- I can design printed circuit boards.

PROGRAMMING LANGUAGES

Embedded C/C++, Python, javascript, and Java

CERTIFICATES

- python programming course assistance certificate from the computer science department of Addis Ababa University- 4k labs
- complete introduction to C++ course from Udemy
- Google Analytics course from Google Analytics Academy
- HTML, CSS, and Javascript course from Udemy.

LANGUAGES

Amharic: Bi-lingual proficiency

English : Professional proficiency

Afan Oromo: Pre-Intermediate proficiency

HOBBIES

- Digital Illustrations and painting

CONTACT INFORMATION

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