Yohannes Mengistie Kindu

Electrical and Computer Engineering

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I am currenlty a fourth year Computer Engineering BSc student with a strong foundation in signal processing, and embedded systems, alongside expertise in software engineering and algorithms. Passionate about exploring the synergy between hardware and software to develop innovative solutions in areas such as IoT, machine learning, and automation. Seeking opportunities to collaborate on interdisciplinary projects that drive innovation and solve real-world challenges.

EDUCATION

Bachelor of science in Electrical and Computer Engineer   **2022-2026| Addis Ababa**

- Relevant Coursework: object orented programing ,Data Structures, and Algorithms,Software Engineering,computer security and computer network, Embedded Systems, Computer Architecture, Control Systems, Digital Signal Processing, Microcontrollers .

Software Engineering Immersive Program – A2SV (African to Silicon Valley) 29/2023-present|Addis Ababa

- A2SV upskills students for top tech roles with a 70% acceptance rate at Google for Software Engineer positions in 2023.This journey has sharpened my problem-solving skills,
- My experience is marked by rigorous technical training, collaborative projects, and a proven track record of solving over 500 problems on platforms like LeetCode , Codeforces , and HackerRank.

EXPERIENCE

INTERNAL A2SV HACKATHON

- Collaborated on front-end web development projects using HTML, CSS, React, and Next.js to create user-friendly and responsive interfaces.
- we satred to Collaborate on front-end and backend development with AI based projects onside A2SV

Student Project

- CPU Design and Smart door lock system: Designed and simulated a custom CPU using Proteus and with programing language c.
- E-Commerce web application and Game development .
- Built a scalable application using Java, applying object-oriented principles.

CERTIFICATE

 AFRICA TO SILICON VALLEY : A2SV's 2024 First Year Education Program offers 1,000+ hours of rigorous training in Data Structures, Algorithms, software development.

PROJECTS

E-commerce-web: **Developed an eCommerce web application with features including product catalog, shopping cart, Authentication**

Smart -door-lock-system

- Designed and developed a password-protected smart door lock using the LPC2138

  microcontroller.

Ecommerce mobile app

- By using this app Users can create new products, view detailed product information, update existing listings, and delete products as needed.

SKILLS

- **Programming Languages**: Python, Java, Java script, C++, Matlab,dart
- **Frameworks/Technologies**: Flutter, React, Next.js
- **Design and Simulation Tools**: Proteus, Multisim, Logisim

LANGUAGES

- **English** : Fluent
- **Amharic** : Native