Gosaye Woyo Woticha

Electrical and Computer Engineering (computer Stream)

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ABOUT ME

Recent Electrical and Computer Engineering (Computer Stream) graduate from Addis Ababa Science and Technology University with a strong foundation in core electrical engineering principles. I build on this to specialize in software development, machine learning, and full- stack technologies. Proficient in Python, I develop robust applications to solve real-world problems. With an analytical mindset, I aim to deliver innovative solutions and contribute my unique systems-level perspective to a dynamic team.

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EDUCATION BACKGROUND

BSc in Electrical and Computer Engineering (Computer Stream)   09/2021 – 06/2025
Addis Ababa Science and Technology University (AASTU)   Addis Ababa, Ethiopia
CGPA :3.66/4.00
Exit Exam Results: 82%

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WORK EXPERIENCE

Internship at Adama Science and Technology University (ASTU)   07/2024 – 10/2024
Store Management System Web Application
- Developed and maintained a full-stack Store Management web application using Python (Django), HTML, CSS, and JavaScript.
- Designed key software engineering artifacts: ERD, Use Case, Sequence, and Activity diagrams to model system architecture and user interactions.

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Academic projects at Addis Ababa Science and Technology University(AASTU)

Integrated Engineering Team Project: Solar-Powered Automated Grass Cutter   09/2023 – 01/2024

- Designed and implemented a solar power system, selecting panels, charge controller, and integrating batteries for continuous operation.
- Created the electrical wiring layout, ensuring safe and efficient connections between the solar system, motor, and control systems.
- Helped design and assemble the control circuit, enabling both automation and remote/manual control features.

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Final Year Project : AASTU Student Internship Monitoring Web Applications   09/2024 – 05/2025

- Built the core backend using Python and Django, creating robust RESTful APIs to manage student data, track internship progress, and handle user authentication.
- Developed and integrated an AI-powered chatbot to provide instant, automated support for student and administrator queries.
- Designed the full database schema and used Django ORM to ensure data integrity and support complex, real-time internship monitoring queries.

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SKILLS

SOFT SKILLS
- Excellent analytical and problem-solving skills
- Strong teamwork and leadership in collaborative projects
- Quick learner, adaptable to new technologies and environments
- Highly organized, with strong time management and attention to detail
- Technical knowledge, interpersonal skills, and a sales-oriented mindset

TECHNICAL
- Programming Languages: C, C++, Python, Java, JavaScript, SQL, HTML, CSS
- Machine Learning/AI: TensorFlow, Scikit- learn, Pandas, NumPy, OpenCV
- Embedded Systems: Arduino, RTOS, Microcontroller Programming, Circuit Design
- Tools & Frameworks: React.js, Django, Proteus, NI Multisim, GitHub

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CERTIFICATES

Programming Fundamentals Nanodegree
I Completed the Programming Fundamentals Nanodegree from Udacity, establishing a strong foundation in front-end web development. I gained practical proficiency in building structured, responsive websites using HTML, CSS, and JavaScript. This was demonstrated through hands-on projects focused on creating dynamic and interactive user experiences.

Dereja Academy Accelerator Program
I completed a three-month professional accelerator program that bridged academic learning with workplace skills. I developed career-readiness in communication, teamwork, problem-solving, and learned CV building, interview, and networking strategies. The program also gave me exposure to project management and professional business etiquette.

Employability and Job Readiness Skills Training
I completed a three-day Employability and Job Readiness Skills training by AASTU Career Development Center and Dereja.com ✐ . The workshop covered CV writing, interview preparation, and workplace communication to bridge academic knowledge with industry needs. It equipped me with essential tools and confidence to navigate the job market and excel professionally.

LANGUAGE

AFAN OROMO
native

ENGLISH
fluent

AMHARIC
fluent

HOBBIES

- Learning something new
- Volunteering for a local coding bootcamp
- Reading
- Exploring videos on emerging technologies

REFERENCES

Dr. Teshome Goa Tela, *Electrical and Computer Engineering department head,*
Addis Ababa Science and Technology University
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Daniel Asfew, *ASTU ICT Head*, ASTU
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