

Curriculum Vitae

Personal Information:

- Name: Lencho Ajema
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- Address: Bishoftu, Ethiopia

Education:

➤ **Master of Science in Computer Science and Engineering**

- Adama Science and Technology University, Adama, Ethiopia
- Graduated November 2022
- GPA 3.63
- Thesis Titled “Target Identification and Event Analysis of UAV Based on Deep Learning”
- **Courses:** Design and Analysis of Algorithms, Network Architecture, Software Architecture and Design, Image Processing, Distributed Systems, Research Methodology and Ethics, Advanced Machine Learning, Computer Vision

➤ **Bachelor of Science in Computer Engineering**

- Defence University, College of Engineering Bishoftu(Debrezeit), Ethiopia
- Graduated July 2018
- GPA 3.31
- **Courses:** Computer Architecture, Computer Networks, Digital Logic Design, Software Engineering, Web Development, Database Management System, Data Structures, Digital Electronics, Object Oriented Programming, Microprocessor-I, Microprocessor-II, Electric Machines, Signal and System, Research Methods, Theory of Automata and Computations, Digital Image Processing and pattern Recognition, Microcontrollers, Fundamental of VLSI Design, CAD for VLSI, Operating System and Systems Programming, Digital Signal Processing, Mechatronics, Interfacing Techniques, Cryptography and Network Security, Biomedical Instrumentation, Artificial Intelligence, Real Time Embedded Systems, Wireless Communication System

Skills:

- Programming Languages: Java, Python, Assembly Language, C, C++, JavaScript, HTML, CSS

- Software Development: Git, Micro C, Android Studio, Netbean, Visual Studio, Eclipse, Anaconda, PyCharm
- Database Management: MySQL, MongoDB
- Machine Learning: Tensorflow, Keras, Scikit-Learn
- Operating Systems: Linux, Windows

Work Experience:

- May 2019 – Current
 - Computer Engineer
 - Ethiopian Air Force, Bishoftu, Ethiopia
 - Developed software applications using Java and Python
 - Worked with cross-functional teams to define project requirements and deliverables
 - Conducted code reviews and wrote technical documentation
 - Participated in research and teaching staff.
- November 2021 – February 2023
 - Part time University Instructor
 - Teaching computer science course like Artificial Intelligence, Computer Vision, Digital Electronics, Advanced Database, System and Network Administration, Research Methodology for computer science, Wireless communication, and Emerging Technology.

Internship

- High Tech, Addis Ababa
- November 2017 - February 2018
- Assisted in developing software applications using Java and Python
- Conducted research on machine learning techniques for a new project
- Participated in code reviews and wrote technical documentation
- Contributed to the development of RESTful APIs for data retrieval and manipulation

Certifications:

1. System Administration and IT Infrastructure Services - Coursera A5Z68BR74ZZL
2. Foundations of Teaching for Learning: Being a Teacher - Coursera MUP7BJBBZV55
3. Researcher Management and Leadership Training - Coursera HXUSST2UP6PT
4. Build a Full Website using WordPress - Coursera MZEGJDRZVQU3
5. Understanding Research Methods - Coursera 7CUAP8TEHEXP
6. Responsive Web Design - freeCodeCamp

Languages:

- Amharic (native)
- Afan Oromo (native)
- English (fluent)

Interests:

- Reading about new technologies and advancements in computer science and engineering
- Participating in hackathons and coding competitions
- Volunteering with local organizations to teach computer skills to underprivileged communities.

References:

- Dr. Mesfin Abebe (Msc advisor)
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- Dr. Worku Jifara
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- Dr Teklu Urgessa
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