

Abenezer Kebede Angamo

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Education

• Bachelor of Science in Computer Science

2017-21

Unity University, Addis Ababa, Ethiopia

CGPA: 3.93/4.00

Graduation Project: Platform for Farmers' Productivity

Providing best practices for their farming processes, and aiding in the **early detection** and prevention of diseases affecting their crops through **image classification**

• African Master's In Machine Intellegence

March 2025 - May 2026

Senegal, One Year Intense Masters Program funded by **Google and Meta**,

March 2025 - Present

Professional Experience

• Software Engineer and Data Engineer at ChipChip Social

2023 April – 2025 March

Addis Ababa, Ethiopia

- Responsible for Developing the backend service and providing insights and prediction for the e-commerce platform.
- Team leader for the Logistic Part of the Platform.
- Present KPIs and predictions.

• Software Engineer at 2f Capital

2022 March – 2023 April

Addis Ababa, Ethiopia

- Designed and Implemented Backend for the second iteration of Ride-hailing Platform with 65% less user response time.
- Developed Music Streaming Platform.

• Intern Machine Learning & Software Engineer at iCog-Labs

2021 Sept – 2022 Feb

Addis Ababa, Ethiopia

- Developed backend service including a recommendation system for a news media platform called mindplex.ai.

Research Interest And Experience

– Experience

- * (Currently Working): KrakQL: LLM-Guided Retrieval of GraphQL Schemas
- * Computer Vision and Graphics Research Initiative 19 Dec 2024 - 08 Jan 2025:
 - Characterizing and Visualizing Activation Functions in Benign and Adversarial Setting

– Interest

- * Representation Learning
- * Privacy-Preserving Federated Learning

Projects & Activities

• Projects

- Recommendation System
- Top AI research papers code implementations
 - * Transformer Model Architecture Code Implementation.
 - * Vision Transformer Model Architecture Code Implementation.
 - * Low-Rank Adaptation of Large Language Models Implementation with PyTorch

• Activities

- AWS AI & ML Scholarship Udacity, Dec 1, 2022
- AI Training Program, Aug 2024, Addis Ababa University

Technical and Soft Skills

Languages: C++, Go, Python

ML Libraries and Frameworks Python, PyTorch, Tensorflow, SciPy, NumPy, Pandas, Docker

Backend development with Python, Go

Database: Postgres, MongoDB

Soft Skills: Problem Solving, Self-learning, Adaptability

Certifications

Neural Networks and Deep Learning [↗](#)

Machine Learning [↗](#)

Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning [↗](#)

Mathematics for Machine Learning: Linear Algebra [↗](#)

Machine Learning for All [↗](#)

Software Architecture [↗](#)

Workshops Attended

- **2019 Software Engineering Workshop, Addis Ababa Science and Technology University** *Dec 26, 2019*
 - Presented Automated Scheduling System Project.
 - Recipient for best performance and extra effort award. [↗](#)
- **Computer Vision and Graphics Research Initiative** *Dec, 2024*
 - Behind the Pixles: Exploring Why Vision Tasks Aren't Fully Solved.
 - Explored Different Hypothesis on Adversarial Examples.

Awards

- **Award for graduating with highest honors in Engineering** *Nov 18, 2021*

Networks And Memberships

Black in AI [↗](#): Community Member, June 17, 2024 - Present, Black in AI is a place for sharing ideas, fostering collaborations, and discussing initiatives to increase the presence of black people in the field of Artificial Intelligence.

Cohere For AI [↗](#) Community Member, Oct 28, 2024 - Present, Cohere For AI (C4AI) is Cohere's non-profit research lab that seeks to solve complex machine learning problems.

Volunteer Services

- **Agolbach Integrated Charity Organization**
 - A non-profit organization that targets communities with no access to quality education and health.
 - I volunteer to support communities with educational equipment.

Languages

Amharic (Native)

English (Fluent)