Abenezer Kebede Angamo

📍 Addis Ababa, Ethiopia ✉ aangamo@aimsammi.org 📞 +251921616279

in linkedin.com/in/dev-abenezer ⌨ github.com/AbenezerKb 🌐 abenezerkb.github.io

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 - Oct 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)