

Akayou Adane Kitessa

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📍 Addis Ababa, Ethiopia

EDUCATION

Software Engineering

Addis Ababa University

10/2017 - Present

Addis Ababa, Ethiopia

Exchange Semester - Computer Science

Boise State University

08/2021 - 12/2021

Boise, US

Leadership and Consulting

SHARE

01/2020 - 02/2022

Paris, France

WORK EXPERIENCE

Research Intern

IIT Mandi

02/2020 - 03/2020

Mandi, India

Achievements/Tasks

- Created a website for testing team's AI model
- Experimented with Raspberry Pi and troubleshooted problems regarding our Raspberry Pi system
- Gathered and arranged training samples

Mobile App Developer Intern

Betesemay Creative Media, Ethiopia

06/2021 - 09/2021

Addis Ababa, Ethiopia

Achievements/Tasks

- Worked on the design and development data management of the app that improved its performance by 10%.
- Used Test-Driven Development process to build and test components.

Teaching Assistant

AddisCoder Inc.

07/2019 - 08/2019

Addis Ababa, Ethiopia

A non-profit organization that teaches programming to high school students

Achievements/Tasks

- Supervised students in class and computer laboratories for hands-on lessons about programming in python
- Worked on homeworks and assignments to be given to students

Student Organizer

AI In Ethiopia

10/2019 - 10/2019

Addis Ababa, Ethiopia

Organizer of the first AI conference in Ethiopia

Achievements/Tasks

- Assisted in social media and publication
- Managed guest accommodation and transportation

SKILLS

Java

Python

Research

C#

Web development

App development

SQL

Flutter

Leadership

Machine Learning

Intelligent Agent Design

Firebase

PERSONAL PROJECTS

Corn(Maize) Leaf Image Segmentation (12/2021 - 02/2022)

- An image processing system that identifies where a corn leaf is infected with common rust or not.
- Developed a Restful API for ease of accessing our model.

Yet(Where) (05/2020 - 06/2020)

- A mobile app that lets people know where and how recent Covid-19 patients were found in their area

Gene Pattern Detection (11/2021 - 12/2021)

- Implemented with Java.
- Implemented a BTree from scratch.
- Used the BTree we built to improve the performance of the project by 3-7 times.
- Gene pattern detection and searching for naturally nonexistent patterns.

AWARDS

Global UGRAD Scholar, USA (08/2021 - 12/2021)

Won a fully-funded exchange semester along with professional development, cultural immersion, and community service at Boise State University

Resident of the year - Bishoftu city, Ethiopia (08/2017 - 08/2017)

Received a certificate for being the highest scorer of a national exam from my city and ranking amongst the top 40 nationally.

LANGUAGES

Amharic

Native or Bilingual Proficiency

Afaan Oromo

Professional Working Proficiency

Engsliah

Full Professional Proficiency