

ABEL KIDANEMARIAM

STR

📍 Adama, Ethiopia

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+ ABOUT ME

- Tech Entrepreneur and programmer
- Machine-learning model development with 4 years working at 4K Labs, and ASTU stem center. a student in the computer science department Addis Ababa. Expertise in python, architecture android development, microcontroller programming, and extensive experience in image processing and architecture modeling and data augmentation skills. Cooperative team player with a positive attitude.
- tech enthusiast
- love to work on hard and complicated problems

+ LANGUAGES

Amharic

English

+ WORK EXPERIENCE

- Adama, Addis Ababa

ROBOTICS AND ELECTRONICS

- Worked on Cansat (a pseudo satellite) to collect data such as pictures, temperature, humidity, and give feedback to the ground station.
- A self-driving car that mimic the drivers behaviour and clone it to drive by itself using deep learning
- Interactive led using frequency to voltage converter
- Smart traffic and IOT under 4k labs

- IMAGE PROCESSING AND COMPUTER VISION

- Used OpenCV library to for my face detection and recognition for a student identification system
- Detecting Diabetic retinopathy from retinal images that use the transfer learning technique.
- mobile card number detection that use a traditional machine learning model.

- ADVANCED ALGORITHM AND BOT

- Genetic algorithms for solving optimization problems such as traveling salesman and shortest pathfinding
- Telegram Bot that tracks the number of covid-19 patients across the world.

+ EDUCATION

- S.t Joseph catholic school
Nazareth

2018

HIGH SCHOOL DIPLOMA

+ SKILLS

Team Work

Great Communicator

Project Organization

Problem Solving

+ INTERNSHIP

- Addis Ababa
4K LABS

JAN 2019 - PRESENT