Abel Mitiku

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About Me

I am a Junior Machine Learning/AI Engineer with a software engineering and web development background. Experience utilizing tools like Pandas, Numpy, PyTorch, TensorFlow, Scikit-learn, Seaborn, and Matplotlib. I have experience in data visualization, ReactJS, C#, Java, and building end-to-end machine learning pipelines for artificial intelligence, business, and other areas.

Skills & Proficiencies

- Python, Java, Dart, C#, PHP
- AWS
- MySQL, PostgreSQL
- DBT, Airflow
- Git, DVC, MLflow, Docker
- Numpy, Pandas
- PyTorch, TensorFlow
- CML, Travis CI
- Tableau
- Bash, Zsh, shell
- Flutter, Kotlin
- HTML, CSS, ReactJS

Educational Background

Addis Ababa University
BSc in Electrical & Computer Engineering
2016 - 2022

Relevant Courses
- OOP, Computer Architecture
- MATLAB
- C++, JAVA
- VHDL, Verilog
- Applied Mathematics I – III
- Probability and statistics
- EMFs, Modern Physics
- Economics

10 Academy
Data Engineering and Machine Learning Engineering
Apr 2022 - Jul 2022

Relevant Courses
A Project-based Intensive training where I got to work on 12 projects that helped me develop the following skill-sets:
- Machine Learning (AI) Pipeline Development
- Data Engineering Principles and Large Scale Implementations
- Web3.0 Dapp Development
- Statistical Reasoning
- A/B Testing/Business Analysis
- Causal Inference
- Speech recognition
- Data warehouse, Kafka, Airflow

Projects

Telecom User Data Analytics

This project was to analyze customer behavior in terms of their engagement, experience, and satisfaction for a telecom company and suggest if the company is worthy of buying or selling.

Algorand Blockchain using ReactJS

NFTs are created using Algorand Standard Assets (ASAs), which are built into the protocol and created using a special type of transaction. This is distinct from some other blockchains where a smart contract is necessary to represent assets.

Ethereum Blockchain (Crypto) Smart Contract

Made a mobile App that facilitates when an employer pays an employee, for being present in a certain geographic area for a certain duration. The employee's phone sends its GPS location to a smart contract at a certain interval. Based on the pre-agreed contract codified in an Ethereum smart contract, a cryptocurrency payment is executed when all the agreed conditions are met.

Work Experience

Member, Intern
AI Guild
Data Science, Germany, Remote
Dec 2022 - Jan 2023

- Member
- AI Practitioner

Full Stack Developer
Leximd
Romania, Remote
Dec 2021 - Apr 2022

- Ability to program in a programming language such as Java (J2EE), and Python.
- Proficient in React, JavaScript, HTML, and CSS.
- Proficient in MySQL, and PostgreSQL.

Certification

Data Engineering/ML/Web3.0
10 Academy
Jul 10, 2022

JavaScript, Bootstrap
Udemy
Feb 10, 2022

Youth International Conclave - YIC
Webinar participator
Oct 29, 2021