

SURAFEL AMSALU

AI Engineer and Data Scientist

Successfully completed a MSc in Artificial Intelligence and Data Science, along with a Bachelor of Science in Computer Science and a Bachelor of Arts in Management.



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EDUCATION

Computer Science (BSc)

Axum University

08/2014 - 12/2018

Artificial Intelligence and Data Science (Msc)

Bahir Dar University

02/2021 - 06/2023

Management (BoA)

Blue Mark College

02/2019 - 01/2021

WORK EXPERIENCE

AI Engineer and Data Scientist

Freelancer

03/2021 - Present

Freelancer in AI & DS. Delivering exceptional results on personal & paid projects. Transforming data into actionable insights for clients globally.

Achievements/Tasks

- Delivered impactful AI and Data Science solutions.
- Improved predictive accuracy and business performance.
- Built a strong portfolio in computer vision, deep learning and predictive modeling.

Registrar Head and System Administrator

Blue Mark College

05/2019 - 03/2022

An innovative and inclusive college fostering academic excellence and personal growth.

Achievements/Tasks

- led a 35+ member team as the youngest Board of Directors member, driving college initiatives.
- Conducted ML research on student grades, enhancing academic performance.
- Managed student grades with precision, ensuring record integrity.

SKILLS

Computer Vision

Deep Learning

Python

Machine Learning

SQL

Model Evaluation and Validation

TensorFlow

Data Cleaning and Preprocessing

Data Visualization

PERSONAL PROJECTS

Herbal plant identification, classification and description using computer vision and deep learning (02/2022 - 05/2023)

- Developed a robust model capable of providing detailed descriptions of identified plants.
- Empower users with a reliable tool for exploring and learning about herbal plants.
- Contributed to the advancement of plant recognition and classification using cutting-edge algorithms.

CERTIFICATES

Certificate of Conformity (CoC): Database Administrator (08/2015 - 12/2016)

Certified Level 1, Level 2, Level 3, and Level 4

Coursera: Python (01/2022 - 02/2023)

<https://www.coursera.org/account/accomplishments/certificate/EGM4FHPMAXTL>

Google: Ask Questions to Make Data-Driven Decisions From (05/2022 - 03/2023)

<https://www.coursera.org/account/accomplishments/certificate/MXY7Z96KC949>

LANGUAGES

English

Full Professional Proficiency

Amharic

Full Professional Proficiency