GETNET DEMIL
Image Processing and Computer Vision

📞 +34647108351 ✉ getnetd24@gmail.com ➤ Portfolio Website 🏳 Ethiopian 👤 Male

in Getnet Demil ⏺ Getnet Demil 📍 University of Bordeaux, France

🎓 Education

Image Processing and Computer Vision, Erasmus Mundus Joint Master's Degree ↗
09/2022 – 09/2024
- *University of Bordeaux, France*
- *Autonomous University of Madrid, Spain*
- *Pazmany Peter Catholic University, Hungary*

MSc in Communication System Engineering, Bahir Dar University ↗
09/2020 – 08/2022 | Bahir Dar, Ethiopia

B.SC. in Electrical Engineering, Major in Electronics and Communication System, Bahir Dar University ↗
2014 – 2018 | Bahir Dar, Ethiopia

🏅 Awards

Best 50 African Project of the Year 2019, Africa Innovation Week 2019

Best Bahir Dar University Project of The Year 2018,
Bahir Dar University, Ethiopia

💼 Professional Work Experience

Junior Electrical Engineer,
Ethiopian Electric Utility
2019 – 2022 | Bahir Dar, Ethiopia

Technology Officer,
American Spaces Ethiopia
2021 – 2022 | Bahir Dar, Ethiopia

🧠 Skill

Programming Language and Frameworks
Python, C++, MATLAB, Keras, OpenCV, TensorFlow, PyTorch

Acadamic Skill
Computer Vision, Deep Learning, Machine Learning, AI,

Operating System
Window, Linux, Debian, Ubuntu

📁 Project and Research

Vision Aided Recognition of Objects to Grasp with a Robot Arm, Object 6D Position Estimation, 2022- Present

3D Reconstruction of an Object/Scene with Camera Calibration and Feature Matching, 2023

Computer Vision Projects in Object Detection and Tracking, 2023

Advanced Projects in People Detection and Biometric Recognition, 2023

Multi-Database Evaluation and Enhancement of DeepFake Detection Systems, 2023

Predicting Air Pressure System (APS) Failure at Scania Truck, 2022

Heart (Murmur Sound) Diseases Classification using Machine Learning, 2022

Custom Data Processing Program for Page Alignment, Optical Marker Detection, and Handwritten Data Digitization, 2022

Custom Coin Detector and Identifier: Accurate Currency Quantification from Images, 2022

Aerial Image Restoration and Land Type Identification System Using Customized Deconvolution and Texture Analysis, 2022

Custom Human Action Classifier Using 3D GLOH Descriptors and SVM, 2022

Performance Analysis of 60 - 120 GHz range mmWave ROF with MIMO architecture, 2022

Design and Implementation of Smart Microscope For Automatic Protozoan Disease Detection and Diagnosis Using Python Programing Language, 2018

Design of Smart Microscope for Amoeba Disease Detection Using MATLAB Programing Language, 2017

🌐 Please Check My Website

https://getnetdemil.github.io/cv ↗