GETNET DEML

Image Processing and Computer Vision

📞 +34647108351 ✉ getnetd24@gmail.com 📍 University of Bordeaux, France 🏳 Ethiopian 👤 Male

in Getnet Demil ↖ Portfolio Website ◯ Getnet Demil

🎓 Education

Sep 2022 – Sep 2024	**Image Processing and Computer Vision, Erasmus Mundus Joint Master's Degree Program in 3 Different Universities'** ⌞ • *University of Bordeaux, France* • *Autonomous University of Madrid, Spain* • *Pazmany Peter Catholic University, Hungary*	Hungary, Spain and France
Sep 2020 – Aug 2022	**MSc in Communication System Engineering, Bahir Dar University** ⌞	Bahir Dar, Ethiopia
2014 – 2018	**B.SC. in Electrical Engineering, Major in Electronics and Communication System, Bahir Dar University** ⌞	Bahir Dar, Ethiopia

📁 Project and Research

2022 – present	**Vision Aided Recognition of Objects to Grasp with a Robot Arm, 6D Pose Estimation**
2023	**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**
2022	**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**
2017 – 2018	**Design and Implementation of Smart Microscope For Automatic Protozoan Disease Detection and Diagnosis Using Python Programing Language**
2016 – 2017	**Design of Smart Microscope for Amoeba Disease Detection Using MATLAB Programing Language**

🧠 Skill

- **Programming Language** ● ● ● ● ●
C++, Python, MATLAB, MERN stack

- **Microsoft Office Product** ● ● ● ● ●
MS Word, Excel, Power Point, Teams

- **Operating System** ● ● ● ● ●
Window, Linux, Debian, Ubuntu

- **Hardware and Network troubleshooting Skill** ● ● ● ● ●
Cisco Certified Network Associate, CCNA I

- **Simulator Softwares Skill** ● ● ● ● ○
Packet tracer, VLSI, OptiSystem, Proetus, Eagle

- **Leadership and Management Skill** ● ● ● ● ○

💼 Professional Work Experience

2019 – 2022	**Junior Electrical Engineer, Ethiopian Electric Utility**	Bahir Dar, Ethiopia
2021 – 2022	**Technology Officer, American Spaces Ethiopia**	Bahir Dar, Ethiopia
Feb 2017 – Apr 2017	**Internship Communicatioin Engineer, Amahara Mass Media Agency**	Bahir Dar, Ethiopia
Feb 2017 – Jul 2017	**Internship, Operation and Maintenance Engineer, Ethiopian telecommunication**	Bahir Dar, Ethiopia

🎖 Awards

Nov 2019	**Best 50 African Project of the Year 2019, Africa Innovation Week 2019**
Jun 2018	**Best Bahir Dar University Project of The Year 2018, Bahir Dar University, Ethiopia**

🌐 Languages

ENGLISH	**AMHARIC**	**SPANISH**	**FRENCH**
IELTS	Native Speaker	A1	A1

🏠 Organizations and Voluntary Work

Jun 2019 – Nov 2022	**Ethiopian Electric Utility, Junior Electrical Engineer** ↗	Bahir Dar, Ethiopia
Jul 2021 – Nov 2022	**American Spaces Ethiopia, Technology Support Grantee** ↗	Bahir Dar, Ethiopia
2017 – 2018	**Bahir Dar University Electrical and Computer Engineering Students Association, President** ↗	Bahir Dar, Ethiopia
2016 – 2017	**Bahir Dar University Electrical and Computer Engineering Students Association, Project Supervisor** ↗	Bahir Dar, Ethiopia

🌐 Please Check My Website

https://getnetdemil.github.io ↗