

# GETNET DEML

## Image Processing and Computer Vision

+34647108351   getnetd24@gmail.com   University of Bordeaux, France   Ethiopian   Male  
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### Education

Sep 2022 – Sep 2024	<b>Image Processing and Computer Vision, Erasmus Mundus Joint Master's Degree Program in 3 Different Universities'</b> <a href="#">↗</a> <ul style="list-style-type: none"><li>• <i>University of Bordeaux, France</i></li><li>• <i>Autonomous University of Madrid, Spain</i></li><li>• <i>Pazmany Peter Catholic University, Hungary</i></li></ul>	Hungary, Spain and France
Sep 2020 – Aug 2022	<b>MSc in Communication System Engineering, Bahir Dar University</b> <a href="#">↗</a>	Bahir Dar, Ethiopia
2014 – 2018	<b>B.Sc. in Electrical Engineering, Major in Electronics and Communication System, Bahir Dar University</b> <a href="#">↗</a>	Bahir Dar, Ethiopia

### Project and Research

2022 – present	<b>Vision Aided Recognition of Objects to Grasp with a Robot Arm, 6D Pose Estimation</b>
2023	<b>3D Reconstruction of an Object/Scene with Camera Calibration and Feature Matching</b>
2023	<b>Computer Vision Projects in Object Detection and Tracking</b>
2023	<b>Advanced Projects in People Detection and Biometric Recognition</b>
2023	<b>Multi-Database Evaluation and Enhancement of DeepFake Detection Systems</b>
2022	<b>Predicting Air Pressure System (APS) Failure at Scania Truck</b>
2022	<b>Heart (Murmur Sound) Diseases Classification using Machine Learning</b>
2022	<b>Custom Data Processing Program for Page Alignment, Optical Marker Detection, and Handwritten Data Digitization</b>
2022	<b>Custom Coin Detector and Identifier: Accurate Currency Quantification from Images</b>
2022	<b>Aerial Image Restoration and Land Type Identification System Using Customized Deconvolution and Texture Analysis</b>
2022	<b>Custom Human Action Classifier Using 3D GLOH Descriptors and SVM</b>
2017 – 2018	<b>Design and Implementation of Smart Microscope For Automatic Protozoan Disease Detection and Diagnosis Using Python Programming Language</b>
2016 – 2017	<b>Design of Smart Microscope for Amoeba Disease Detection Using MATLAB Programming Language</b>

## Skill

- **Programming Language** ● ● ● ● ●  
C++, Python, MATLAB, MERN stack
- **Microsoft Office Product** ● ● ● ● ●  
MS Word, Excel, Power Point, Teams
- **Graphics Design Skill** ● ● ● ● ●  
Adobe Photoshop, After Effects, Video Editing
- **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

- Junior Electrical Engineer, Ethiopian Electric Utility** 3.5 Years, Ethiopia
- Technology Officer, American Spaces Ethiopia** 2 Years, 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
- Feb 2017 – Jul 2017 **Ethiopian Tele Communication, Internship Train Engineer**  Bahir Dar, Ethiopia
- Feb 2017 – Apr 2017 **Amahara Mass Media Agency, Internship Train Engineer**  Bahir Dar, Ethiopia

## Please Check My Website

<https://getnetdemil.github.io> 