



BIRHANU SHIMELIS GIRMA

OBJECTIVE

I seek to continue learning and perfecting my skills while providing a high quality work and utilize the educational qualifications I have obtained.

PROFILE

Name	Birhanu Shimelis
Date of Birth	22 nd March 1995
Sex	Male
Relationship	Single
Nationality	Ethiopian

LANGUAGE

English: Full professional proficiency
 Afaan Oromo: Mother tongue
 Amharic: Native and Bilingual

CONTACT

Phone +2519 37128014
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Hobbies



[linkedin.com/in/birhanu-shimelis-048711137/](https://www.linkedin.com/in/birhanu-shimelis-048711137/)

github.com/BirhanuShimelis

EXPERIENCE

- Sept 2020 – Now • **Ethiopian Artificial Intelligence Institute**
Researcher
 Computer vision, Robotics and Industrial Automation
- Jan 2020 – Nov 2020 • **Motion Consultancy and Training PLC**
Graphic designer Freelancer
 Design Advertisements, Business cards, and Brochures
- Aug 2019 – Sept 2020 • **Mettu University**
Assistant Lecturer
 Lecturing programming Languages (C++, Java)
- Mar 2019 – Aug 2019 • **iCOG-Labs (INTERNSHIP)**
Robotics and Machine Learning
 Developing Machine learning models and Robots

EDUCATION

- 2014 - 2019 • **Madda Walabu University**
BSc. Electrical and Computer Engineering
 Areas of Interest: Computer Engineering, Robotics
Major GPA of 3.89 and CGPA of 3.89
- 2012 - 2014 • **Hawas Preparatory School**
University Entrance Examination Score: 448

SKILLS

- Programming Languages: Python, C++, Java
- Robotic Platforms : ROS, Gazebo, RViz
- Python Framework: Django
- Dev: Web scraping, Git, Github
- Databases: MySQL, SQL
- Visualization: Matplotlib, Numpy, Scikit-Learn
- AI: TensorFlow, Pytorch, Keras, OpenCV
- G/Design: Photoshop, After Effects, Premiere Pro
- Microsoft Office: Word, PowerPoint, Excel
- Platforms: Windows, Linux (Ubuntu, Kali linux)
- 3D Printing: Cura, Simplify3D

PUBLICATION AND PROJECTS

- [2021] Coffee Disease Visualization and Classification
<https://www.mdpi.com/2223-7747/10/6/1257>
- Deep Learning based Afaan Oromo speaking Humanoid Robot
Vision capable robot that detects gender, and emotion.

VOLUNTEER EXPERIENCES

- [2014 – current] Red Cross Society, Madda Walabu University,
- [2015 – 2019] Founded and chaired Electrical Technology Students Association
- [2014 – current] Community service, Madda Walabu University,

CERTIFICATE

- **CERTIFICATE OF RECOGNITION**
 Best Final Year Project of The Year 2019 (1st Rank)
 Best performance at the ICT EXPO ETHIOPIA June 06 - 10 2019

REFERENCES

- **Dr. Parmod Kumar**
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- **Dinku Worku (MSc)**
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