europass

Berihu Hailu Gebreegziabher

Nationality: Ethiopian

LinkedIn: https://www.linkedin.com/in/berihu-hailu-gebreegziabher-877a641b0/

WORK EXPERIENCE

4 OCT 2021 – 31 JAN 2022 Rimini, Italy

INDUSTRY INTERN LUCCHI R. E-MOTOR SOLUTIONS

1. Assisting electrical engineers of the company in electrical machine testing and other activities in the company,
2. Doing an electrical machine design project

Address Via Palmiro Togliatti, 3 47821 RIMINI (RN), Rimini, Italy | **Email** info@lucchirimini.com

8 JUL 2017 – 15 AUG 2019 Bahir Dar, Ethiopia

UNIVERSITY TEACHING ASSISTANT BAHIR DAR INSTITUTE OF TECHNOLOGY - BAHIR DAR UNIVERSITY

1. Giving tutors on courses like fundamentals of electricity and electronics,
2. Leading laboratory classes,
3. Advising students as section advisory,
4. Coordinating project presentations and seminars

22 FEB 2016 – 26 JUN 2016 Mekelle, Ethiopia

INDUSTRY INTERN MESSOBO CEMENT FACTORY (MCF)

1. Serving as assistant to senior technicians in various electrical systems inspection and maintenance tasks in the industry,
2. Involving in electrical machines maintenance tasks (electrical motors rewinding),
3. Doing electrical project

EDUCATION AND TRAINING

1 NOV 2023 – CURRENT Roma, Italy

DOTTORATO DI RICERCA Sapienza University of Rome

23 SEP 2019 – 22 MAR 2023 Roma, Italy

MASTER'S DEGREE IN ELECTRICAL ENGINEERING Sapienza University of Rome

1. Theory of Radial and Axial Flux Electric Machines,
2. Dynamic Analysis of Electrical Machines,
3. Power Electronics and Electric Drives,
4. Grid Connected Power Electronic Converters,
5. HV, MV and LV Electrical Power Systems,
6. DC Transmission and Distribution,
7. Smart Grids in Electrical Power System,
8. Renewables

Address Via Eudossiana, 00184, Roma, Italy **Final grade** 110 e lode/110 **Type of credits** CFU **Number of credits** 120 |

Thesis Design and Analysis of an Axial Flux PM Brushless AC Starter/Generator for Helicopter Engines

OCT 2012 – JUN 2017 Bahir Dar, Ethiopia

BACHELORS OF SCIENCE IN ELECTRICAL ENGINEERING (ELECTRICAL POWER AND CONTROL ENGINEERING) Bahir Dar Institute of Technology - Bahir Dar University

1. Power Electronics and Electrical Drives, Applied Electronics I & II,
2. Introduction to Electrical Machines, Advanced Electrical Machines (Radial Flux Electrical Machines),
3. Electromagnetic Fields, Signals and Systems Analysis, Digital Signal Processing (DSP),
4. Introduction to Control Engineering, Modern Control Systems,
5. Renewable Energy Conversions

Final grade 3.91/4.0 (CGPA) | **Type of credits** ECTS | **Number of credits** 300 |

Thesis Design, Simulation and Prototype Implementation of Automatic Sun Tracking Solar Panel System using Arduino

DIGITAL SKILLS

Engineering Software:

MATLAB and Simulink | PSIM Software | PLECS Software | Simcenter MAGNET (Finite Element Method) | C and C++ Programing | Python Programming

LANGUAGE SKILLS

Mother tongue(s): **TIGRIGNA** | **AMHARIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
ITALIAN	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

RECOMMENDATIONS

Giulio De Donato Masters Thesis Advisor and Power Electronics Course Professor

Associate Professor at Sapienza University of Rome

Email giulio.dedonato@uniroma1.it | **Phone** (+39) 0644585530

Fabio Giulii Capponi Grid Connected Power Electronic Converters Professor

Full Professor at Sapienza University of Rome

Email fabio.giuliicapponi@uniroma1.it

Mirko Mezzorecchia Industry Intern Supervisor

Electrical Engineer at Lucchi R Elettromeccanica s.r.l.