



Jiregna Abdissa Olana

Date of birth: [REDACTED] | Nationality: [REDACTED] | Phone number: [REDACTED]
 [REDACTED] | Phone number: [REDACTED] | Email address: [REDACTED]
 [REDACTED] | Email address: [REDACTED] | LinkedIn: [REDACTED]
 [REDACTED] | Skype: [REDACTED]
 Address: [REDACTED]

ABOUT ME

I am a dynamic Computer Science and Engineering **lecturer and researcher** with a strong background in teaching complex technology in digestible terms. I am proficient in a variety of programming languages, including Python, java, C, C++, PHP, JavaScript, CSS, and experienced in working with a variety of software development tools and frameworks and Strong background in project management and customer relations.

WORK EXPERIENCE

24/12/2020 – CURRENT Adama, Ethiopia

LECTURER OF COMPUTER SCIENCE AND ENGINEERING DEPARTMENT, AND SPACE TECHNOLOGY INSTITUTE RESEARCHER ADAMA SCIENCE AND TECHNOLOGY UNIVERSITY (ASTU)

- Delivering major course lectures for the Computer Science and Engineering area.
- Provides advisory for undergraduate and Postgraduate students (co-advisor)
- Engaged in community service and technology transfer projects.
- Research publishing in scientific journals, and participation in national conferences.
- Support curriculum development and new course development.

17/09/2018 – 20/12/2020 Hossana, Shewa, Ethiopia

LECTURER, COMPUTER SCIENCE DEPARTMENT WACHEMO UNIVERSITY

- Delivering lectures in the Computer Science area at the undergraduate level.
- Provides advisory for undergraduate and Postgraduate students (co-advisor)
- Engaged in community service and technology transfer projects.
- Coordinate with faculty as well as outside personnel in discussing research opportunities.

11/11/2016 – 08/07/2018 Hossana, Shewa, Ethiopia

ASSISTANT LECTURER OF COMPUTER SCIENCE DEPARTMENT WACHEMO UNIVERSITY

- Assist, and maintain the university's main computer lab, working rotating shifts to ensure it remains open for students during both day and evening hours.
- Participate with other department faculty members in offering basic computer science courses to students.

10/06/2020 – CURRENT Burayu, Ethiopia

SYSTEM AND SOCIAL MEDIA MANAGMENT TECHNOLINK COLLEGE

- Design and implement social media strategy to align with business goals.
- Stay up-to-date with current technologies and trends in social media, design tools, and applications

● EDUCATION AND TRAINING

16/07/2016 – 10/09/2018 Bhubaneswar, Odisha, India

MASTER OF TECHNOLOGY: COMPUTER SCIENCE AND ENGINEERING (SOFTWARE ENGINEERING) Kalinga Institute of Industrial Technology University (KIIT)

Occupational Skills Covered

- Basic principles of proposal and research writing;
- Manuscript preparation and publishing of articles;
- Conducting seminars;
- Basic knowledge of conducting scientific experiments and articulating results.

Website www.kiit.ac.in | **Field of study** Computer Science and Engineering | **Final grade** 3.92/4.0 or 9.60/10 |

Thesis Bio-inspired Technique for the Efficient Virtual Machine Migration in Green Cloud Computing.

04/09/2012 – 04/07/2015 Bale Robe, Ethiopia

BACHELOR OF SCIENCE (BSC) Madda Walabu University

Website www.mwu.edu.et | **Field of study** Computer Science | **Final grade** 3.71 with first ranked project work |

Thesis Madda Walabu University One Card System

10/10/2022 – 20/06/2023 Adama, Ethiopia

HIGHER DIPLOMA IN PEDAGOGICAL SKILLS Adama Science and Technology University (ASTU)

Website www.astu.edu.et | **Field of study** pedagogical skills | **Final grade** Excellent |

Thesis Improving Students' Competence In Conducting Laboratory Practical Work Case Study On Computer Science And Engineering Undergraduate Students

● LANGUAGE SKILLS

Mother tongue(s): **AFAAN OROMOO**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C2
AMAHARIC	C2	C2	C2	C2	C2

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

● DIGITAL SKILLS

Microsoft Office | Google (Google Drive, Google Docs, Google Slides, Google Sheets, Google Meets, Google Trends)) | social media including nfacebook, whatsapp, twitter, skype, wechat....

● INTERESTED RESEARCH AREA'S

I am Interested to work on:

- **Machine Learning** (*Explainable, and Interpretable*)
- **Artificial Intelligence**
- **Cloud Computing, and Distributed Systems**

● PUBLICATIONS

2018
[Bio-inspired technique for the Virtual Machine Migration in Green Cloud Computing.IEEE](#)

Jiregegna Abdissa Olana, Hrudaya Kumar

2018

[Bio-Inspired Techniques for the Efficient Migration of Virtual Machine for Load Balancing In Cloud Computing, International journal of Pure and applied mathematics \(IJPAM\).](#)

Jiregna Abdissa Olana, Hrudaya Kumar

2023

[Effectiveness of Cloud Computing Based E- Library Services and Its Security issues in Ethiopian Public Higher Institutions](#)

Write here the description...

Jiregna Abdissa Olana, Devendra Kumar

2023

[Interpretable Machine Learning for Tuberculosis Detection and Classification from Chest X-ray Image](#)

Professional contribution as technology transfer work by Participation in proposal development, designing, fabrication, and report writing

2024

[Developing a Model for Fake News Detection in Social Media Using Machine Learning and Deep Learning Ai-Driven Solutions: Towards Reliable Information](#)

Professional contribution as technology transfer work by Participation in proposal development, designing, fabrication, and report writing

Jiregna Abdissa, Dr.Tiruvedula Gopi Krishna

● **MANAGEMENT AND LEADERSHIP SKILLS**

Associate Dean of Postgraduate Studies, ASTU

- Supervises all activities of the postgraduate programs across the schools.
- Follows up proposal & thesis/dissertation defense at school levels

Regitrar Head, School of Electrical Engineering and Computing (SoEEC), ASTU

Processing admissions, placement, scheduling, maintaining academic records, registration, and Issuing of grade reports to all students at the school level.

Engineering and Technology College dean, Wachemo University (Durame Campus)

- Endeavor to promote multidisciplinary academic/research programs.
- plan, implement schemes and programs that promote academic excellence.

Library Coordinator Wachemo University (Durame Campus)

● **PROJECTS**

05/02/2023 – 10/02/2024

Website Development for ASTU Center of Excellency (CoE) and Research Unit.

15/06/2022 – 04/05/2023

Website development for ASTU PG office and Ayeyeo Scholarship

08/10/2014 – 10/03/2015

Madawalabu University One card System

05/02/2021 – CURRENT

Website Design, Development and Managment for Techno Link College

<http://technolinkcollege.com/>

● SEMINAR AND TRAINING ATTENDED

17/03/2024 – 20/03/2024

Training of Trainers (ToT) on Digital Literacy Training and Facilitation Skills.

03/11/2022 – 05/11/2022

2nd IndabaXEthiopia international Conference , Adama science and technology University

18/05/2018 – 22/05/2018

11th National Workshop on recent trends in Software Testing (RTST-2018) held at KIIT University

18/02/2017 – 20/02/2017

CSI Regional Student Convention at KIIT University, Bhubaneswar.

14/05/2022 – 16/05/2022

Course Portfolio for program accreditation, ASTU.

● INTERNSHIP

07/07/2022 – 22/07/2022

Ethiopian Artificial Intelligence Institute

- Collaborate with multidisciplinary research teams and work with Industrial expertise.

08/08/2014 – 08/09/2014

Ethiotelecom

- BSc project Internship

08/04/2021 – 10/05/2021

Indian Technical and Economic Cooperation (ITEC)

- Collaborate with multidisciplinary research teams and work with Industrial expertise
- Opportunity to see the cultural, religious, and ethnic groups of Asian people and to see the world through someone else's eyes

● PROGRAMMING LANGUAGE SKILLS

04/09/2012 – CURRENT

Java, C, HTML, PHP, CSS, SQL, MySQL, XML, C++, Python, Visual Studio, R. Android

● NETWORKS AND MEMBERSHIPS

11/03/2021 – CURRENT Adama Science and Technology University (ASTU)

Member of Space Science Technology institute center of excellency,

06/07/2023 – 10/07/2023 Adama Science and Technology University (ASTU)

Graduation & award committee of year 2023, ASTU

10/10/2021 – 06/03/2024 Adama Science and Technology University

School Managing Council member School Electrical Engineering and Computing (ASTU)

23/11/2021 – 15/12/2023 Adama Science and Technology University

Senate Standing Committee Member

● HOBBIES

I am interested to:

Watching updated technology, learning new technologies, and giving more time to grasp the idea to adopt the technology.

● PERSONAL CHARACTERISTICS

I am

- Enthusiastic and highly motivated.
- Able to work structured and goal-oriented with a drive to get projects finished;
- Creative problem solver in developing innovative ideas using design thinking;
- Open to feedback and input from others

● HONOURS AND AWARDS

25/06/2015

Best project/research work performance – Madda Walabu University

Best project and research work performance and achieved the rank first at school and second at university level.

09/02/2024

Professional services for preparing graduate exit exam of 2023 – Adama Science and Technology University

Free volunteer professional services for preparing graduate exit exam of 2023.

● REFERENCES

24/12/2020 – CURRENT

Dr. Dereje Asseffa Teklu, Adama Science and Technology University (ASTU), former Dean for School of Electrical Engineering and Computing.

E-mail:- dereje.teklu@astu.edu.et, Phone:- +251985237103

10/02/2022 – CURRENT

Dr. Selewondim Eshetu, ASTU, Director of Space Science Technology Institute

E-mail:- Selewondim@gmail.com, Phone:- 251913533624

16/07/2016 – CURRENT

Dr. Hrudaya Kumar Tripathy, KIIT university, Dean for school o Computer Science and engineering my Thesis Adviser

E-mail:- hktripathyfsc@kiit.ac.in