



## 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](http://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](http://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](http://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	
<b>ENGLISH</b>	C2	C2	C1	C1	C2
<b>AMAHARIC</b>	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 \(IJPAM\).](#)**

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Jiregna Abdissa Olana, Hrudaya Kumar

2023

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

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Write here the description...

Jiregna Abdissa Olana, Devendra Kumar

2023

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

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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](#)**

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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**

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### **Associate Dean of Postgraduate Studies, ASTU**

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- 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**

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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)**

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

### **Library Coordinator Wachemo University (Durame Campus)**

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## ● **PROJECTS**

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05/02/2023 – 10/02/2024

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

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15/06/2022 – 04/05/2023

**Website development for ASTU PG office and Ayeyeo Scholarship**

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08/10/2014 – 10/03/2015

**Madawalabu University One card System**

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05/02/2021 – CURRENT

**Website Design, Development and Managment for Techno Link College**

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<http://technolinkcollege.com/>

## ● SEMINAR AND TRAINING ATTENDED

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17/03/2024 – 20/03/2024

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

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03/11/2022 – 05/11/2022

**2nd IndabaXEthiopia international Conference , Adama science and technology University**

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18/05/2018 – 22/05/2018

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

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18/02/2017 – 20/02/2017

**CSI Regional Student Convention at KIIT University, Bhubaneswar.**

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14/05/2022 – 16/05/2022

**Course Portfolio for program accreditation, ASTU.**

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## ● INTERNSHIP

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07/07/2022 – 22/07/2022

**Ethiopian Artificial Intelligence Institute**

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

08/08/2014 – 08/09/2014

**Ethiotelecom**

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- BSc project Internship

08/04/2021 – 10/05/2021

**Indian Technical and Economic Cooperation (ITEC)**

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- 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

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04/09/2012 – CURRENT

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

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## ● NETWORKS AND MEMBERSHIPS

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

**Member of Space Science Technology institute center of excellency,**

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

**Graduation & award committee of year 2023, ASTU**

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

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

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

**Senate Standing Committee Member**

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## ● HOBBIES

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**I am interested to:**

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

## ● PERSONAL CHARACTERISTICS

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I am

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- 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

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25/06/2015

**Best project/research work performance – Madda Walabu University**

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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**

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

## ● REFERENCES

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24/12/2020 – CURRENT

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

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E-mail: [REDACTED] Phone: [REDACTED]

10/02/2022 – CURRENT

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

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E-mail: [REDACTED] Phone: [REDACTED]

16/07/2016 – CURRENT

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

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E-mail: [REDACTED]