PERSONAL INFORMATION

Amanuel Lemma Jagisso

📍 Aksum University, Aksum (Ethiopia)

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Sex Male | Date of birth 18 Dec 1990 | Nationality Ethiopian

WORK EXPERIENCE

Sep 2015–Sep 2016

Graduate Assistant II

Aksum University
1010 Axum, Tigray (Ethiopia)
www.aku.edu.et

Involved in assisting and lecturing courses.

Involved in giving basic IT training for different public sectors as a community service

A major participant in the development of the Student Food Service system and ID card integration

Business or sector Education

Apr 2016–Oct 2016

Program Leader

Aksum University
1010 Axum, Tigray (Ethiopia)
www.aku.edu.et

Served as a Delegate Program leader of the Department of Information systems and managed the following tasks
o Monitor students industrial project
o Development of course materials (unpublished)

Sep 2016–Feb 2017

Assistant Lecturer

Aksum University
1010 Axum, Tigray (Ethiopia)
www.aku.edu.et

Involved in assisting and lecturing until I leave the campus side for Education.
Business or sector Education

Sep 2017–Present

Business Developer

Neural Trading (Self), Addis Ababa (Ethiopia)

Educational Training for Arsi University and Developing Registration module for ID Card

Integrating registration module with ASURE ID and Fargo Printer in a Network environment

Graphic Design, Online Editing, Content writing

Mar 2019–Present

Lecturer

Aksum University
1010 Axum, Tigray (Ethiopia)
www.aku.edu.et

Involved in assisting and lecturing courses in the department of computing.

Involved in a community service

Business or sector Education

EDUCATION AND TRAINING

15 Feb 2011–1 Jun 2015	Bachelor of Science Degree in Information Systems.

Bachelor of Science Degree in Information Systems.
CGPA: 3.83 / 4.00

Aksum University
1010 Axum, Tigray (Ethiopia)
www.aku.edu.et

Accomplished the following major courses: Mathematics | Visual Programming | DSS and Expert system | Programming language (C, C++, Java, C#, HTML, PROLOG, SQL) | Concepts (Networking, OS, Database, Data mining)

Industrial Project using ASP.NET

> *Bahre Hasab (Ethiopian calendar system), Smart schedule, Reporting, notification, and Management Project Award from the Department of Computer science*

15 Oct 2016–26 Mar 2019   **Master of Science in Information Science and Systems (Language Technologies)**
CGPA: 3.90 / 4.00
Thesis: Excellent

Addis Ababa University

1176 Addis Ababa (Ethiopia)

www.aau.edu.et

I took an experiment on the following major field of studies: Applied Machine Learning | Digital Image Processing | Machine Translation | Computational Linguistics | Natural Language Processing | Working on Linux Environment and Python

Thesis on digital Image restoration and OCR for Degraded Ethiopic Script documents via machine learning

> *Degraded document Image Enhancement in Retinex based Algorithms and Pixel Modification*
>
> *Dataset Preparation*
>
> *Training the recognition Using Convolutional Neural Network*

PERSONAL SKILLS

Mother tongue(s)   Amharic, Tigrinya

Foreign language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English B2	B2	B2	B1	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills   Ability to interact and effectively communicate with people from diverse backgrounds, highlighting teamwork and problem solving

▪Speaking in public, to groups, or via electronic media

▪Good listener with a remarkable ability to understand instructions while paying attention to detail

▪Exceptional convincing and persuasive skills

▪Strong negotiating power

Organizational/ managerial skills   I have experienced my leadership capability, by working as a program leader (delegated) at the department of information systems and Thematic research at Addis Ababa University.

I can team up and work with co-workers

Job-related skills	Good in programming in Python, Shell, Java, and Prolog.

Good command of Data structure and algorithm analysis.

Good in applying Statistical Machine translation, machine learning algorithm, Computer vision libraries, and Convolutional Neural Network

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Experienced Skill in Microsoft Office.

Good in Photo Editing, designing, Cartoon

ADDITIONAL INFORMATION

Publications

1. Parallel Corpora for bi-lingual English-Ethiopian Languages Statistical Machine Translation.

   Proceedings of the 27th International Conference on Computational Linguistics pages 3102–3111 Santa Fe, New Mexico, USA, August 20-26, 2018.

   http://aclweb.org/anthology/C18-1262

2. Parallel Corpora for bi-Directional Statistical Machine Translation for Seven Ethiopian Language Pairs

   The 27th International Conference on Computational Linguistics: Proceedings of the First Workshop on Linguistic Resources for Natural Language Processing, pages 83–90 Santa Fe, New Mexico, USA, August 20, 2018.

   http://aclweb.org/anthology/W18-3812

References

1. Wondwossen Mulugeta (Ph.D.)

   wondwossen.mulugeta@aau.edu.et

   Assistant Professor, School of Information Science
   College of Natural and Computational Sciences
   Addis Ababa University

2. Martha Yifiru Tachbelie (Ph.D.)
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   College of Natural and Computational Sciences
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