# Atnafu Lambebo Tonja

□ atnafu.lambebo@wsu.edu.et

□ atnafuatx@gmail.com

in https://www.linkedin.com/in/atnafu-lambebo-6b21a5184/

https://github.com/atnafuatx

https://twitter.com/AtnafuLambebo



## **Employment History**

2016-2021 Lecturer, Full-time, Wolaita Sodo Agricultural college

**Lecturer, Part-time**, Infolink University college

2020 Machine Learning Engineer, Freelance, Gebeya Inc.

## **Education**

2022 – Ongoing PhD. Computer Science Instituto Politecnico Nacional, Mexico City, Mexico Advisor: Dr. Olga Kolesnikova.

2019 – 2021 M.Sc. Information Technology Wolaita Sodo University, Wolaita Sodo, Ethiopia Thesis title: Multilingual Neural Machine Translation for Low resourced languages.

Advisor: Dr. Michael Melese.

2011 – 2015 **B.Sc. Computer Science** Madawalabu University, Bale Robe, Ethiopia

### **Skills**

Languages English, Amharic (Native), Wolaita (Native).

Coding Python, Java, MATLAB, C#, SQL, XML, LATEX, ...

Databases Mysql, sqlite.

Technologies PyTorch, scikit-learn, Keras, NLTK, spaCy, CoreNLP, Fastai, HuggingFace, git, Tableau.

# Miscellaneous Experience

#### **Awards and Achievements**

Google Gift 2021: Africa Travel Grants, For conference link 2021 International Conference on Information and Communication Technology for Development for Africa (ICT4DA)

Ph.D. scholarship of the CONACYT, Government of Mexico 2022-2026, for studying in the Doctor of Philosophy program certified by the CONACYT (Ministry of Science)

## Leadership Experience

2020 **Vice Country Director**, STEMi Makers Africa. Link

2021 Country Representative of Ethiopia Grand Africa Initiative -GAIN. Link

#### Certification

2020 Microsoft Certified: Azure Fundamentals. Microsoft Certified: Azure Fundamentals.

**Big Data - General Level** . Awarded by UNESCO-ICHEI.

## Miscellaneous Experience (continued)

Deep Learning. Awarded by Neuromatch Academy.

## **Research Publications**

- Tonja, A. L., Woldeyohannis, M. M., & Yigezu, M. G. (2021). A parallel corpora for bi-directional neural machine translation for low resourced ethiopian languages. 2021 International Conference on Information and Communication Technology for Development for Africa (ICT4DA), 71–76.
- Yigezu, M. G., Woldeyohannis, M. M., & Tonja, A. L. (2021a). Early ginger disease detection using deep learning approach. *International Conference on Advances of Science and Technology*, 480–488.
- Yigezu, M. G., Woldeyohannis, M. M., & Tonja, A. L. (2021b). Multilingual neural machine translation for low resourced languages: Ometo-english. 2021 International Conference on Information and Communication Technology for Development for Africa (ICT4DA), 89–94.