

Atnafu Lambebo Tonja

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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.
- Web Dev 📌 HTML, CSS, JavaScript, Apache Web Server.
- Technologies 📌 PyTorch, scikit-learn, Keras, NLTK, spaCy, CoreNLP, Fastai, HuggingFace, git, Tableau.

Miscellaneous Experience

Awards and Achievements

- 2021 📌 **Google Gift 2021: Africa Travel Grants**, For conference [link](#) 2021 International Conference on Information and Communication Technology for Development for Africa (ICT4DA)
- 2022 📌 **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)

2021  **Deep Learning.** Awarded by Neuromatch Academy.

Research Publications

- 1 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.
- 2 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.
- 3 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.

References

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Grigori Sidorov

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