Everlyn Asiko Chimoto

everlyn@aims.ac.za

https://www.researchgate.net/profile/Everlyn-Chimoto

https://github.com/EverlynAsiko

Education

Ph.D. Candidate in Applied Mathematics
Jan 2022 - Present

University of Cape Town, African Institute for Mathematical Sciences, South Africa
Supervisor: Prof. Bruce Bassett
Dissertation: *Neural Machine Translation for Low-Resource Languages*

MSc in Mathematical Sciences
Nov 2020 - Aug 2021

University of Cape Town, African Institute for Mathematical Sciences, South Africa
Supervisor: Prof. Bruce Bassett
Thesis: Neural Machine Translation for Low-Resource Languages
Graduated *with Distinction*

BSc in Computer Science
Sept 2015 – Dec 2019

Masinde Muliro University of Science and Technology, Kenya
Supervisor: Mr. Michael Ujunju
Fourth Year Thesis: Accident Location Extraction Using Natural Language Processing
Graduated *with First Class Honours*

Publications

Everlyn Chimoto and Bruce Bassett. 2022. Very Low Resource Sentence Alignment: Luhya and Swahili. In Proceedings of the Fifth Workshop on Technologies for Machine Translation of Low-Resource Languages (LoResMT 2022), pages 1–8, Gyeongju, Republic of Korea. Association for Computational Linguistics.

Everlyn Chimoto and Bruce Bassett. 2022. COMET-QE and Active Learning for Low-Resource Machine Translation. In Findings of the Association for Computational Linguistics: EMNLP 2022, pages 4735–4740, Abu Dhabi, United Arab Emirates. Association for Computational Linguistics.

Idris Abdulmumin, Michael Beukman, Jesujoba Alabi, Chris Chinenye Emezue, Everlyn Chimoto, Tosin Adewumi, Shamsuddeen Muhammad, Mofetoluwa Adeyemi, Oreen Yousuf, Sahib Singh, and Tajuddeen Gwadabe. 2022. Separating Grains from the Chaff: Using Data Filtering to Improve Multilingual Translation for Low-Resourced African Languages. In Proceedings of the Seventh Conference on Machine Translation (WMT), pages 1001–1014, Abu Dhabi, United Arab Emirates (Hybrid). Association for Computational Linguistics.

Teaching Experience

Data Science Technical Mentor
Sept 2019 - Present

Moringa School
Successfully running 3 data science classes. Providing support and guidance to 82 students.

Participation in Academic Events

EMNLP 2022

Poster Presenter
Poster Title - COMET-QE and Active Learning for Low-Resource Machine Translation

Deep Learning Indaba 2022

Attendee and Tutor
Session Tutored: Introduction to Transformers

IndabaX Zimbabwe 2022	*Speaker* *Talk Title - Combining Active And Transfer Learning For Low-Resource Machine Translation*
Advanced Language Processing School 2022	**Poster Presenter** *Poster Title - Neural Machine Translation for Low-Resource Languages*
Deep Learning Indaba 2019	**Poster Presenter** *Poster Title - Accident Location Extraction Using Natural Language Processing*

Awards, Grants and Scholarships

2022: D&I grant to attend EMNLP
2022: Accomodation grant for Deep Learning Indaba
2021: AIMS Doctoral Training Fellowship awarded by Quantum Leap Africa (QLA)
2021: Paul G. Allen Family Foundation Scholarship awarded by African Institute for Mathematical Sciences
2019: Best in Data Science award by KamiLimu, a structured mentorship fellowship
2019: Best Student Computer Science award by School of Computing and Informatics, Masinde Muliro University of Science and Technology

Leadership and Community Service

Talk and Reading Group Organizer Feb 2020 - Present	**Masakhane** Plan bi-weekly reading group meet-up to review speech technology research. Also, invite speakers to speak to members of the Masakhane community. 2 speakers presented their work in April and May.
Organizer Apr 2020 – Aug 2020	**Nairobi Women in Machine Learning and Data Science** Planned deep-dives workshop series aimed at taking community members through a real-life Data Science project.
Chairperson Nov 2018 – July 2019	**IEEE Masinde Muliro University Chapter** Established a collaboration with Fablab Winam to have a robotics workshop. The workshop resulted in students taking up robotics. Took part in the IEEEXtreme coding challenge.
Chairperson May *2017* – May *2018*	**Association of Computing Students(ACS)** Established 2 community outreach programs. Namely: Web development training for high school girls and sanitary towels provision to primary school girls.