JACQUELINE ROWE

Phd Student in Responsible NLP, School of Informatics, University of Edinburgh
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EDUCATION

University of Edinburgh | 2024-2028
PhD, Centre for Doctoral Training for Designing Responsible and Trustworthy NLP
- Core focus: evaluating and mitigating sociodemographic biases in multilingual LLMs
- Supervised by: Alexandra Birch & Shannon Vallor
- Additional research interests: evaluation design, fairness and multilinguality, low-resource NLP, machine translation for Creole languages

University of Sheffield | 2023-2024
MSc, Computer Science with Speech and Language Processing (Distinction)

Birkbeck, University of London | 2020-2021
LLM, Human Rights (Distinction)

University of Cambridge | 2016-2019
BA, Linguistics (Double First)

RECENT PUBLISHED RESEARCH

Rowe, J., Klimaszewski, M., Guillou, L., Vallor, S., & Birch, A. (2025). EuroGEST: Investigating gender stereotypes in multilingual language models. *Proceedings of the 2025 Conference on Empirical Methods in Natural Language Processing,* (pp. 32062–32084), Association for Computational Linguistics. ⭐ Nominated for a resource award ⭐

Rowe, J., de Gibert, O., Klimaszewski, M., Haley, C., Birch, A., & Scherrer, Y. (2025). EdinHelsOW WMT 2025 CreoleMT System Description: Improving Lusophone Creole Translation through Data Augmentation, Model Merging and LLM Post-editing. In *Proceedings of the Tenth Conference on Machine Translation* (pp. 1166–1182), Association for Computational Linguistics.

Rowe, J., Gow-Smith, E. and Hepple, M. (2025). Limitations of Religious Data and the Importance of the Target Domain: Towards Machine Translation for Guinea-Bissau Creole. In *Proceedings of the Eighth Workshop on Technologies for Machine Translation of Low-Resource Languages (LoResMT 2025)* (pp. 183-200), Association for Computational Linguistics

PROFESSIONAL EXPERIENCE

Research Assistant, School of Informatics, University of Edinburgh | 2025
- Provide research support for a lecturer in Informatics, focusing on responsibility in computing education

Policy Lead/Research Consultant, Global Partners Digital | 2021-2025
- Led human-rights grounded research projects on online disinformation legislation, platform governance frameworks, hate speech policies and cybercrime laws.
- Worked directly with local partners in Sub-Saharan Africa, Latin America and South-East Asia and a range of multistakeholder and multilateral bodies.

International Law Programme Coordinator, Chatham House | 2019-2021
- Supported the delivery of research papers, roundtables, public events and policy reports on key issues relating to digital governance and international law
- Supported strategy development, project management, grant-writing and communications functions

English Teacher, Escola Esperança, Guinea-Bissau | 2014-2016
- Provided daily English lessons to beginner and intermediate child and adult learners, working in a multicultural team with limited resources.

TECHNICAL SKILLS & TOOLS

- MSc courses: Machine Learning and Adaptive Intelligence; Scalable Machine Learning; Reinforcement Learning; Text Processing; NLP; Advanced Topics in NLP; Speech Processing; Speech Technology.
- Key tools I use day to day: Python, PyTorch, Pandas, MatplotLib, Hugging Face Transformers, SentencePiece, Fairseq, wandb.
- Familiar with a range of fairness and bias benchmarks, evaluation harnesses and translation quality metrics
- Conducted a number of human validation studies, managing process from start to finish

TEACHING

- 2025: Guest Lecturer for 3rd-year Undergraduate Computer Science Professional Practice Course
- 2025-present: Tutor for 1st-year PhD Course, Applied Interdisciplinary Project
- 2024-present: Marker for 2nd-year Undergraduate Computer Science Software Engineering and Professional Practice Course