Chenxi Whitehouse

POSTDOC RESEARCHER · NLP · UNIVERSITY OF CAMBRIDGE

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Professional Experience

RESEARCH

2024	**Postdoc Researcher, University of Cambridge,** Cambridge, United Kingdom
2023	**Research Intern, Google DeepMind,** Amsterdam, Netherlands
2023	**Research Assistant, Mohamed Bin Zayed University of Artificial Intelligence (MBZUAI),** Remote
2022	**Research Intern, Amazon,** Alexa AI, Cambridge, United Kingdom
2021	**Research Intern, Huawei,** Noah's Ark Lab, London, United Kingdom

ENGINEERING

2021-2024	**Machine Learning Engineer,** Replicate AI, Remote
2019-2020	**Computer Vision Engineer,** HP Inc, London, UK
2018	**Computer Vision Engineer Intern,** Siemens AG, Nuremberg, Germany

Education

City, University of London — *London, UK*
PHD IN COMPUTER SCIENCE, NATURAL LANGUAGE PROCESSING — *2020 - 2023*
- Thesis: Towards Knowledge-Grounded Natural Language Understanding and Generation

University College London & University of Erlangen — *London, UK & Erlangen, Germany*
MSc ELECTRICAL ENGINEERING & SIGNAL PROCESSING — *2015 - 2018*

Xi'an Jiaotong University — *Xi'an, China*
BSc INFORMATION & COMPUTER ENGINEERING — *2011 - 2015*

Publications

PUBLISHED

1. **Chenxi Whitehouse**, Monojit Choudhury, and Alham Fikri Aji. "LLM-powered Data Augmentation for Enhanced Cross-lingual Performance". In *Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing: **EMNLP 2023**. (Work conducted as visiting researcher at MBZUAI).*

2. **Chenxi Whitehouse**, Clara Vania, Alham Fikri Aji, Christos Christodoulopoulos, and Andrea Pierleoni. "WebIE: Faithful and Robust Information Extraction on the Web". In *Proceedings of the 61st Annual Meeting of the Association for Computational Linguistic: **ACL 2023**. (Work conducted as research intern at Amazon)*

3. **Chenxi Whitehouse**, Tillman Weyde, and Pranava Madhyastha. "Towards a Unified Model for Generating Answers and Explanations in Visual Question Answering". In: *Findings of the Association for Computational Linguistics: **EACL 2023**.*

4. **Chenxi Whitehouse**, Fenia Christopoulou, and Ignacio Iacobacci. "EntityCS: Improving Zero-Shot Cross-lingual Transfer with Entity-Centric Code Switching". In: *Findings of the Association for Computational Linguistics: **EMNLP 2022**. (Work conducted as research intern at Huawei).*

5. **Chenxi Whitehouse**, Tillman Weyde, Pranava Madhyastha, and Nikos Komninos. "Evaluation of Fake News Detection with Knowledge-Enhanced Language Models". In: *Proceedings of the Sixteenth International AAAI Conference on Web and Social Media: **AAAI-ICWSM 2022**.*

PREPRINT

6. **Chenxi Whitehouse**, Fantine Huot, Jasmijn Bastings, Mostafa Dehghani, Chu-Cheng Lin, and Mirella Lapata. "Parameter-Efficient Multilingual Summarisation: An Empirical Study". *(Work conducted as research intern at Google DeepMind).*

7. Yuxia Wang, Jonibek Mansurov, Petar Ivanov, Jinyan Su, Artem Shelmanov, Akim Tsvigun, **Chenxi Whitehouse**, Osama Mohammed Afzal, Tarek Mahmoud, Alham Fikri Aji, and Preslav Nakov. "M4: Multi-generator, Multi-domain, and Multi-lingual Black-Box Machine-Generated Text Detection".

Additional Experiences and Awards

2023	**SemEval-2024 Task Organisation**, Multidomain, Multimodal and Multilingual Machine-Generated Text Detection
2023	**EMNLP 2023 Student Volunteer**, Singapore
2022	**EMNLP 2022 Student Volunteer**, Abu Dhabi
2022	**Lisbon Machine Learning School**, Instituto Superior Técnico, with Google Scholarship
2022	**Oxford Machine Learning Summer School**, University of Oxford
2020-2023	**PhD Studentship**, City, University of London
2016-2017	**Erasmus Scholarship**, University College London
2012-2015	**Outstanding Student Scholarship**, Xi'an Jiaotong University