# Chenxi Whitehouse

## POSTDOC RESEARCHER · NLP · UNIVERSITY OF CAMBRIDGE

□ +44 7388253568 | ☑ chenxi.whitehouse@gmail.com | ☑ chenxwh | ቬ chenxi-whitehouse

# Professional Experience \_\_\_\_\_

#### RESEARCH

- 2024 **Postdoc Researcher, University of Cambridge**, Cambridge, UK
- 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, UK
- 2021 Research Intern, Huawei, Noah's Ark Lab, London, UK

#### ENGINEERING

2021-2024 Machine Learning Engineer, Replicate Al, 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. 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". In *Proceedings of the 18th Conference of the European Chapter of the Association for Computational Linguistics: EACL 2024.*
- 2. **Chenxi Whitehouse**, Monojit Choudhury, and Alham Fikri Aji. "LLM-powered Data Augmentation for Enhanced Crosslingual Performance". In *Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing:* **EMNLP 2023**. (Work conducted as visiting researcher at MBZUAI)
- 3. **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)
- 4. **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*.
- 5. **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)
- 6. **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**

- 7. **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)
- 8. Chu-Cheng Lin, Xinyi Wang, Jonathan H. Clark, Yun Zhu, Han Lu, **Chenxi Whitehouse**, Hongkun Yu. "Multitask Multilingual Model Adaptation with Featurized Low-Rank Mixtures". (Work conducted as research intern at Google DeepMind)

# 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