Chenxi Whitehouse

PhD Student · Computer Science · Natural Language Processing

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Education

City, University of London *London, UK*
PhD in Computer Science, Natural Language Processing *2020 - present*
- Advisor: Dr. Tillman Weyde and Dr. Pranava Madhyastha
- Thesis Topic: Knowledge-Grounded Natural Language Understanding and Generation
- Research Interest: Faithfulness, Knowledge and Reasoning, Cross-lingual

University College London & University of Erlangen *London, UK & Erlangen, Germany*
MSc Electrical Engineering & Signal Processing *2015 - 2018*
- Advisor: Prof. Dr.-Ing. André Kaup and Prof. Dr.-Ing. Walter Kellermann
- Topic: Speech and Audio Processing, Image Processing

Xi'an Jiaotong University *Xi'an, China*
BSc Information & Computer Engineering *2011 - 2015*

Professional Experience

2023	**Research Assistant, Mohamed Bin Zayed University of Artificial Intelligence (MBZUAI)**, Remote
2022	**Research Scientist Intern, Amazon**, Alexa AI, Cambridge, United Kingdom
2021	**Research Scientist Intern, Huawei**, Noah's Ark Lab, London, United Kingdom
2021-2023	**Machine Learning Engineer**, Replicate AI, Remote
2019-2020	**Machine Learning Engineer**, HP Inc, London, United Kingdom
2018	**Computer Vision Engineer**, Inpixon, Berlin, Germany
2017	**Computer Vision Engineer Intern**, Siemens AG, Nuremberg, Germany

Publications

1. **Chenxi Whitehouse**, Clara Vania, Alham Fikri Aji, Christos Christodoulopoulos and Andrea Pierleoni. "WebIE: Faithful and Robust Information Extraction on the Web" *Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics (**ACL 2023**).*

2. **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***

3. **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***

4. **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**)*

Additional Experiences and Awards

2022	**Lisbon Machine Learning School**, Instituto Superior Técnico, with Google Scholarship
	Oxford Machine Learning Summer School, University of Oxford
2020-2024	**PhD Studentship**, City, University of London
2016-2017	**Erasmus Scholarship**, University College London
2012-2015	**Outstanding Student Scholarship**, Xi'an Jiaotong University