Chenxi Whitehouse

PHD STUDENT · NATURAL LANGUAGE PROCESSING

☐ +44 7388253568 | ✉ chenxi.whitehouse@city.ac.uk | ⌨ chenxwh | 🔗 chenxi-whitehouse

Education

City, University of London *London, UK*

PHD IN COMPUTER SCIENCE, NATURAL LANGUAGE PROCESSING *2020 - present*
- Advisor: Dr. Tillman Weyde and Dr. Pranava Madhyastha
- Topic: Knowledge-Grounded Natural Language Understanding and Generation

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 Text Processing, Image Processing

Xi'an Jiaotong University *Xi'an, China*

BSC INFORMATION & COMPUTER ENGINEERING *2011 - 2015*

Professional Experience

2022	**Research Scientist Intern**, Amazon Alexa AI, London, UK	
	Generative Information Extraction and Fact Verification, Retrieval-Augmented Language Models	
2021	**Research Scientist Intern**, Huawei Noah's Ark Lab, London, UK	
	Multilinguality, Code-Switching, Language Models Pre-training	
2021-2022	**Machine Learning Engineer**, Replicate AI, Seattle, US (remote)	
	Implementing state-of-the-art machine learning models on the reproducible platform	
2019-2020	**Computer Vision Engineer**, HP Inc, London, UK	
2018	**Computer Vision Engineer Intern**, Siemens AG, Nuremberg, Germany	

Publications

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*

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*)

Chenxi Whitehouse, Tillman Weyde and Pranava Madhyastha. "Towards a Unified Model for Generating Answers and Explanations in Visual Question Answering" *[EACL Under Review]*.

Additional Experiences and Awards

2022	**EMNLP 2022 Student Volunteer**, Abu Dhabi	
	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	