TIANCHENG HU

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Summary: PhD Student at Cambridge interested in **NLP, HCI, CSS**

EDUCATION

University of Cambridge, Cambridge, UK	PhD in Computation, Cognition and Language	Dec 2026 (expected)	**Gates Cambridge Scholarship**
Advisor: Nigel Collier			
ETH Zurich, Zurich, Switzerland	M.Sc.: Electrical Engineering and Information Technology	Sep 2022	GPA: 5.65/6.00
Thesis Advisor: Prof. Robert West			
The University of Texas at Dallas, Richardson, TX, USA	B.S: Electrical Engineering	May 2020	GPA: 3.99/4.00
Hobson Wildenthal Honors College	Advisor: Prof. Carlos Busso		**Summa Cum Laude**

SELECTED COURSEWORK: Advanced Techniques of Machine Translation, Natural Language Processing, Computational Semantics for Natural Language Processing, Deep Learning, Image Analysis and Computer Vision, Deep Learning for Autonomous Driving, Advanced Topics in Artificial Intelligence, Probabilistic Artificial Intelligence

PUBLICATIONS

[1] **T. Hu***, Y. Kyrychenko*, S. Rathje, N. Collier, S. van der Linden, J. Roozenbeek. "Generative language models exhibit social identity biases." Under Review. ***Proceedings of the National Academy of Sciences***. (***: co-first authorship**)

[1] **T. Hu**, M. Ribeiro, R. West, A. Spitz. "Quotatives Indicate Decline in Objectivity in U.S. Political News.", ***17th International AAAI Conference on Web and Social Media (ICWSM)***, Limassol, Cyprus. 2023.

[2] F.Tan, A, Hürriyetoğlu, T. Caselli, N. Oostdijk, T. Nomoto, H. Hettiarachchi, I. Ameer, O. Uca, F. Liza, and **T. Hu**. "The Causal News Corpus: Annotating Causal Relations in Event Sentences from News." ***Language Resources and Evaluation***, Marseille, France. 2022.

[3] M. Zhong* & **T. Hu*** & Y. Jiao*, S. Dhuliawala, B. Singh. "Drug Re-positioning via Text Augmented Knowledge Graph Embeddings", ***Conference on Neural Information Processing Systems (NeurIPS) Workshop AI4Science***, online. 2021. (***: co-first authorship**)

[4] **T. Hu**, N. Stoehr. "Team "NoConflict" at CASE 2021 Task 1: Pretraining for Sentence-Level Protest Event Detection," ***Proceedings of the 4th Workshop on Challenges and Applications of Automated Extraction of Socio-political Events from Text (CASE 2021),* Association for Computational Linguistics (ACL)**. Online. 2021.

[5] S. Giorgi, V. Zavarella, H. Tanev, N. Stefanovitch, S. Hwang, H. Hettiarachchi, T. Ranasinghe, V. Kalyan, P. Tan, S. Tan, M. Andrews, **T. Hu**, N. Stoeher, F. Re, D. Vegh, D. Atzenhofer, B. Curtis, A. Hurriyetoglu. "Discovering Black Lives Matter Events in the United States: Shared Task 3, CASE 2021," ***Proceedings of the 4th Workshop on Challenges and Applications of Automated Extraction of Sociopolitical Events from Text (CASE 2021)***. **Association for Computational Linguistics (ACL)**. online. 2021.

[6] S. Jha, M. Marzban, **T. Hu**, M. Mohamed, N. Al-Dhahir, C. Busso, "The Multimodal Driver Monitoring Database: A Naturalistic Corpus to Study Driver Attention," ***IEEE Transactions on Intelligent Transportation Systems***, vol. 23, no. 8, pp. 10736-10752, 2021.

[7] **T. Hu**, S. Jha, C. Busso, "Temporal Head Pose Estimation Model from Point Cloud," ***IEEE Transactions on Intelligent Transportation Systems***, vol. 23, no. 7, pp. 8063-8076, 2021.

[8] **T. Hu**, S. Jha, C. Busso, "Robust Driver Head Pose Estimation in Naturalistic Conditions from Point-Cloud Data," ***IEEE Intelligent Vehicles Symposium***, October 19 - November 13, 2020 (Virtual) Las Vegas, NV, United States.

Honors & Awards

Gates Cambridge Scholarship (**Full PhD Scholarship, award rate ~1.35%**)	April 2022
Texas Analog Center of Excellence Research Scholarship ($5000)	Jan 2019
UTD Academic Excellence Scholarship – **Full tuition and fees covered for four years and $6000/year**	Aug 2016