

Ziwen (Aaron) Li
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Research Interest

My current research interests include **Privacy-preserving NLP** aiming to develop robust and trustworthy systems and algorithms that safeguard human privacy within language-based applications and interactions.

Education

Northeastern University <i>Ph.D. in Computer Science, Research Focus: Privacy-preserving AI</i>	Start in Sept 2025
University of California, Los Angeles, <i>M.S. in Electrical and Computer Engineering</i>	Oct 2023 - Jun 2025
University of Electronic Science and Technology of China (UESTC) <i>Joint B.E.(Honours) in Electronic Information Engineering</i>	Sept 2019 - Jun 2023
University of Glasgow (UoG) <i>Joint B.E.(Honours) in Electronics and Electrical Engineering</i>	Sept 2019 - Jun 2023

Selected Publications and Manuscripts under Review

GraPPI: A Retrieve-Divide-Solve GraphRAG Framework for Large-scale Protein-protein Interaction Exploration
Ziwen Li, Xiang 'Anthony' Chen, Youngseung Jeon.
In Proceedings of Findings of NAACL 2025 [Paper link](#)

HAPPIER: An AI-based Scientific Discovery Support Tool for Facilitating Target Identification in Drug Discovery
Youngseung Jeon, **Ziwen Li**, Christopher Hwang, Jesus J. Campagna, Cohn Whitaker, Varghese John, Eunice Jun, Xiang 'Anthony' Chen
Under review for the 2025 ACM Symposium on User Interface Software and Technology (UIST '25).

CoSight: Incentivizing Sighted Viewers to Contribute to Online Video Accessibility
Ruolin Wang, Xingyu Liu, Biao Wang, Wayne Zhang, Ziqian Liao, **Ziwen Li**, Amy Pavel, Xiang 'Anthony' Chen.
Under review for the 2025 ACM Symposium on User Interface Software and Technology (UIST '25).

Decoupling Identification of Nonlinear Two-input Two-output Deterministic Systems based on Adaptive Regression and Causal Decomposition
Yi Zhang; Jinli Chen ; Zhirong Liu; Mingjun Xie; Zewen Dong; Mian Wu; **Ziwen Li**; Hailou Jin; Chanyin Yi; Siyu Xie; Steven Su; Peng Xu; Dezhong Yao
Under review of the IEEE Transactions on Industrial Electronics

Experience

Graduate Student Researcher <i>UCLA HCI Lab</i> <i>Supervisor: Prof. Xiang 'Anthony' Chen and Prof. Eunice Jun</i>	Oct 2023 - present
Teaching Assistant <i>Courses: ECE 102 Systems and Signals</i> <i>Lecturer: Prof. Jonathan Kao</i>	Oct 2024 - Jan 2025
Research Intern <i>Westlake University</i> <i>Supervisor: Prof. Yue Zhang</i>	Apr 2023 - Jun 2023

Internship

China Telecom <i>Machine Learning Engineer Intern</i> <ul style="list-style-type: none">Utilized Yolo5 network to improve the recognition performance by 20% in pedestrian face capture with masks.Fine-tuned FaceNet for mask detection during COVID-19, reaching an accuracy of 94%.	Jun 2022 - Sep 2022 <i>Remote, China</i>
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