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RESEARCH INTERESTS	<ul style="list-style-type: none"> Natural Language Processing, Graph Neural Networks, Explainable AI, Data Mining. 	
EDUCATION	Georgia Institute of Technology <ul style="list-style-type: none"> Ph.D., Computer Science. University of California, Los Angeles (UCLA) <ul style="list-style-type: none"> B.S., Computer Science. GPA: 3.82/4.0. Major GPA: 3.92/4.0. 	Aug. 2022 – May 2027 (Expected) Sept. 2018 – Dec. 2021
RESEARCH EXPERIENCE	NLP X Lab, Georgia Tech College of Computing <i>Graduate Research Assistant</i> Advisor: Dr. Wei Xu and Dr. Alan Ritter <ul style="list-style-type: none"> Research Topics: Extreme Classification, NL-PL Modeling, Social Media. Microsoft Research Asia (MSRA), Social Computing Group <i>Research Intern</i> Advisor: Dr. Xiting Wang and Dr. Xing Xie <ul style="list-style-type: none"> Research Topics: Explainable AI, Language Modeling, Misinformation Detection, Graph Neural Networks, Learning in Low-Resource (Limited Data) Scenarios, Submitted 1 paper to NeurIPS'22 about robust language model fine-tuning under low-resource scenarios. Published two papers on Fake News Detection at top-tier machine learning conferences (AAAI-22 and KDD-22). Design "FinerFact", a fine-grained reasoning framework for fake news detection that follows the human's information-processing model. Construct a dataset for explainable fake news detection to facilitate relevant research. Delivered multiple talks on fact-checking, misinformation detection, and logical reasoning with graph neural networks to MSRA SC Group and Microsoft Research, Redmond. UCLA Scalable Analytics Institute (ScAi) <i>Undergraduate Research Assistant</i> Advisor: Dr. Yizhou Sun and Dr. Wei Wang <ul style="list-style-type: none"> Research Topics: Hierarchical Graph-Based Recommender Systems for GitHub Repositories. Design recommender systems based on Heterogeneous Information Networks (HIN) for GitHub contribution relations. Analyze and visualize the networks through networkx and Gephi. Construct 3 datasets for GitHub contribution and starring relations to facilitate research on open-sourced repositories. The datasets incorporate multi-modal information, including diverse graph nodes (GitHub repos, users, issues, pull requests, comments) and relations (star, fork, watch, contribute, follow). 	Aug 2022 – Present Atlanta, GA Dec. 2020 – July 2022 Beijing, China June 2021 – June 2022 Los Angeles, CA
PUBLICATIONS	<ul style="list-style-type: none"> Yiqiao Jin, Xiting Wang, Yaru Hao, Yizhou Sun, Xing Xie. Prototypical Fine-tuning: Towards Robust Performance Under Varying Data Sizes. <i>Preprint</i>. Yiqiao Jin, Xiting Wang, Ruichao Yang, Yizhou Sun, Wei Wang, Hao Liao, Xing Xie. Towards Fine-Grained Reasoning for Fake News Detection. <i>In Proceedings of the 36th AAAI Conference on Artificial Intelligence (AAAI'22)</i>. Oral Presentation. Acceptance rate: 14.6% Ruichao Yang, Xiting Wang, Yiqiao Jin, Chaozhuo Li, Jianxun Lian, Xing Xie. Reinforcement Subgraph Reasoning for Fake News Detection. <i>In Proceedings of the 28th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD-22)</i>. Acceptance rate: 14.9% Feng Shi, Yiqiao Jin, Song-Chun Zhu. VersaGNN: a Versatile Accelerator for Graph Neural Networks. <i>Preprint</i>, https://arxiv.org/abs/2105.01280. 	

PROFESSIONAL EXPERIENCE	Amazon.com, Fulfillment By Amazon (FBA)	June 2020 – Sept. 2020
	<i>Software Engineer Intern</i>	Seattle, USA
	<ul style="list-style-type: none"> Created IAR Manual Analysis, an AWS Step Functions workflow that uses AWS Lambda to aggregate datapoints from various data sources (S3, DynamoDB) for SageMaker ML model training, and handles $\geq 16,000$ requests per summary stage. Achieved automatic deployment of the workflow to all AWS Realms (EU/FE/NA) through CloudFormation. Promoted public usage of datasets by establishing DataCraft pipeline to load DynamoDB into Andes dataset catalog. Optimized performances of the inventory reconciliation model through ablation analysis. 	
	IBM, China Development Laboratories	June 2019 – Sept. 2019
	<i>Software Engineer Intern</i>	Beijing, China
	<ul style="list-style-type: none"> Created “Compass DataRouter,” a routing service for “Compass” project based on Golang and MongoDB, reducing memory usage and accelerating data retrieval. Refined the monitor dashboard of the “Compass” project using React.js. Achieved continuous integration through Docker. 	
SERVICES	• PC Member, 37th AAAI Conference on Artificial Intelligence (AAAI-23).	Aug. 2022
	• Reviewer, ACM Transactions on Recommender Systems (TORS).	June. 2022
	• Reviewer, International Journal of Data Science and Analytics (JDSA).	Jan. 2022
	• Reviewer, ACM Transactions on Social Computing (TSC).	Oct. 2021
HONORS AND AWARDS	• AAAI-22 Student Scholarship.	Jan. 2022
	• Microsoft Research “Star of Tomorrow” Award of Excellence.	Sept. 2021
	• UCLA Dean’s Honor List for Superior Academic Achievement.	June 2019 – July 2021
	◦ 5 times: Spring 2019, Winter 2020, Spring 2020, Winter 2021, Spring 2021	