









CONTACT	<p>Georgia Institute of Technology Atlanta, GA 30332</p> <p> AhrenJin</p> <p> (+86)189-1119-7743</p> <p> (470)962-0241</p>	<p> ahren09.github.io/</p> <p> linkedin.com/in/ahren-jin/</p> <p> github.com/Ahren09</p> <p> yjin328@gatech.edu</p> <p> ahren2040@g.ucla.edu</p>
RESEARCH INTERESTS	<ul style="list-style-type: none"> • Data Mining, Social Network Analysis, Graph Mining, Computational Social Science, Misinformation Detection. 	
EDUCATION	<p>Georgia Institute of Technology</p> <ul style="list-style-type: none"> • Ph.D., Computer Science. GPA: 4.0/4.0 <p>University of California, Los Angeles (UCLA)</p> <ul style="list-style-type: none"> • B.S., Computer Science. GPA: 3.82/4.0. Major GPA: 3.92/4.0. 	<p>Aug. 2022 – May 2027 (Expected)</p> <p>Sep. 2018 – Dec. 2021</p>
RESEARCH EXPERIENCE	<p>Georgia Tech College of Computing</p> <p><i>Graduate Research Assistant</i></p> <p>Advisor: Dr. Srijan Kumar</p> <ul style="list-style-type: none"> • Research Topics: Social Network Analysis, Dynamic Graphs, Misinformation Detection, Graph Mining. • Model cross-platform information propagation through temporal graph approaches. • Analyze the information pathways across online communities on Reddit. <p>Microsoft Research Asia (MSRA), Social Computing Group</p> <p><i>Research Intern</i></p> <p>Advisor: Dr. Xiting Wang and Dr. Xing Xie</p> <ul style="list-style-type: none"> • Research Topics: Explainable AI, Language Modeling, Misinformation Detection, Graph Mining, Learning in Low-Resource (Limited Data) Scenarios. • Published 2 papers on Fake News Detection at AAAI'22 and KDD'22. • Published 1 paper on robust language model fine-tuning under low-resource scenarios at AAAI'23. • Designed “FinerFact”, a fine-grained reasoning framework for fake news detection that follows the human’s information-processing model. • Improve existing misinformation datasets with fine-grained social information (propagation networks, user metadata) to facilitate research in misinformation. • Delivered multiple talks on fact-checking, misinformation detection, and reasoning with graph-based approaches to MSRA SC Group and Microsoft Research, Redmond. <p>UCLA Scalable Analytics Institute (ScAi)</p> <p><i>Undergraduate Research Assistant</i></p> <p>Advisor: Dr. Yizhou Sun and Dr. Wei Wang</p> <ul style="list-style-type: none"> • Research Topics: Graph-Based Recommender Systems for Open Source Software (OSS). • Constructed 3 datasets for code recommendation based on GitHub contribution and star relations to facilitate research on OSS. The datasets incorporate multi-modal information, including heterogeneous graph nodes (GitHub repositories, users, issues, pull requests, comments) and relations (star, fork, watch, contribute, follow). • Designed CODER, a graph-based framework for code recommendation based on multimodal signals for open source developers. Performed fine-grained analysis of OSS contribution networks through networkx and Gephi. 	<p>Aug 2022 – Present Atlanta, GA</p> <p>Dec. 2020 – July 2022 Beijing, China</p> <p>June 2021 – June 2022 Los Angeles, CA</p>

PUBLICATIONS	<ul style="list-style-type: none">• <i>Neng Kai Nigel Neo, Yeon-Chang Lee, Yiqiao Jin, Sang-Wook Kim, Srijan Kumar</i>. Towards Fair Graph Anomaly Detection: Problem, New Datasets, and Evaluation. <i>Under Review. Submitted to the 37th Conference on Neural Information Processing Systems Datasets and Benchmarks Track (NeurIPS'23 D&B)</i>.• Yiqiao Jin, <i>Yeon-Chang Lee, Kartik Sharma, Meng Ye, Karan Sikka, Ajay Divakaran, Srijan Kumar</i>. Predicting Information Pathways Across Online Communities. <i>In Proceedings of the 29th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD'23)</i>. Acceptance rate: 22.1%.• <i>Changyu Chen, Xiting Wang, Yiqiao Jin, Victor Ye Dong, Li Dong, Rui Yan, Jim Cao, Yi Liu</i>. Semi-Offline Reinforcement Learning for Optimized Text Generation. <i>In Proceedings of the 40th International Conference on Machine Learning (ICML 2023)</i>. Acceptance rate: 27.9%.• Yiqiao Jin, <i>Yunsheng Bai, Yanqiao Zhu, Yizhou Sun, Wei Wang</i>. Code Recommendation for Open Source Project Developers. <i>In Proceedings of the ACM Web Conference 2023</i>. Acceptance rate: 19.2%• Yiqiao Jin, <i>Xiting Wang, Yaru Hao, Yizhou Sun, Xing Xie</i>. Prototypical Fine-tuning: Towards Robust Performance Under Varying Data Sizes. <i>In Proceedings of the 37th AAAI Conference (AAAI'23)</i>. Oral Presentation. Acceptance rate: 19.6%• Yiqiao Jin, <i>Xiting Wang, Ruichao Yang, Yizhou Sun, Wei Wang, Hao Liao, Xing Xie</i>. Towards Fine-Grained Reasoning for Fake News Detection. <i>In Proceedings of the 36th AAAI Conference (AAAI'22)</i>. Oral Presentation. Acceptance rate: 14.6%• <i>Ruichao Yang, Xiting Wang, Yiqiao Jin, Chaozhuo Li, Jianxun Lian, Xing Xie</i>. 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%
PROFESSIONAL EXPERIENCE	<div><div>Amazon.com, Fulfillment By Amazon (FBA) <i>Software Engineer Intern</i></div><div>June 2020 – Sep. 2020 Seattle, USA</div><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.</div> <div><div>IBM, China Development Laboratories <i>Software Engineer Intern</i></div><div>June 2019 – Sep. 2019 Beijing, China</div><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.</div>
SERVICES	<ul style="list-style-type: none">• Area Chair: ICLR'23 Tiny Paper• PC Member/Reviewer<ul style="list-style-type: none">◦ Conferences: NeurIPS'23, NeurIPS'23 D&B, CIKM'23, KDD'23, AAAI'23, ASONAM'23, ICLR'23 Tiny Paper.◦ Journals:<ul style="list-style-type: none">* IEEE Transactions on Knowledge and Data Engineering (TKDE);* ACM Transactions on Recommender Systems (TORS);* International Journal of Data Science and Analytics (JDSA);* SCIENCE CHINA Information Sciences (SCIS);* ACM Transactions on Social Computing (TSC).◦ Workshops SPIGM@ICML 2023.
HONORS AND AWARDS	<ul style="list-style-type: none">• AAAI Student Scholarship. 2022, 2023• Microsoft Research “Star of Tomorrow” Award of Excellence. 2021• UCLA Dean’s Honor List for Superior Academic Achievement. 2019 – 2021<ul style="list-style-type: none">◦ 5 times: Spring 2019, Winter 2020, Spring 2020, Winter 2021, Spring 2021