

Shinan Liu

Assistant Professor
Department of Data and Systems Engineering
8/F-27C, Haking Wong Building
The University of Hong Kong
Pokfulam Road, Hong Kong

shinan6@hku.hk
shinan.info
naisslab.github.io

Current Employment

2025–present THE UNIVERSITY OF HONG KONG *Hong Kong SAR, China*
Assistant Professor, Department of Data and Systems Engineering
Lab Director and Principal Investigator,
Networked AI Systems and Security (NAISS) Lab

Education

UNIVERSITY OF CHICAGO *Chicago, Illinois, USA*
2019–2025 Ph.D. in Computer Science
Thesis: Operational Learning Systems for Network Data Intelligence
Advisor: Prof. Nick Feamster
M.S. in Computer Science
Thesis: Concept Drift Characterization, Explanation, and Mitigation in Cellular Networks
Advisor: Prof. Nick Feamster
2015–2019 UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA *Chengdu, Sichuan, China*
B.Eng. (Honors) in Information Security @ Yingcai Honors College.

Research Interests

ML for Systems and Systems for ML; Network Security and Privacy; Cyber-Physical Intelligence

Experience

2019–2025 **Research Assistant (Advised by Prof. Nick Feamster)** University of Chicago, *Chicago, IL, USA*
Research assistant at the UChicago Computer Science Department. Projects include examining the entire lifecycle of ML through the perspective of network operations, where I design accessible, reliable, and performant machine learning systems for network data analysis, and employ network data analysis for critical issues in network management and security.
2024 **Research Intern (Mentored by Prof. Vyas Sekar)** Conviva Inc., *Foster City, CA, USA*
Operationalize synthetic network traces in enterprise settings.
2023–2024 **Research Consultant (Worked with Dr. Saurabh Shintre)** LangSafe.ai Inc., *San Mateo, CA, USA*
Lead and design methods that enable enterprises to enforce Role-based Access Control, Guardrails, and Auditing of LLM applications.
2022 **Research Intern (Worked with Dr. Chaoyang He)** FedML.ai Inc., *Los Angeles, CA, USA*
Designed an end-to-end MLOps pipeline that monitors model performance and helps explain and mitigate drifts.
Built a serving framework that supports model optimization and deployment.

2019	Research Assistant (Mentored by Prof. Yaling Yang & Prof. Gang Wang) <i>Blacksburg, USA</i>	Virginia Tech,
	Led a group of 9 researchers from Virginia Tech, Microsoft Research, Facebook, and UESTC in designing GPS spoofing defense methods. Resulted in a USENIX Security 2021 paper.	
2018	Research Assistant	NISL, Tsinghua University, <i>Beijing, P.R. China</i>
	Designed a course in Wireless Security (Mentored by Prof. Jianwei Zhuge and Prof. Haixin Duan). Taught mobile security to developers from China Mobile Wireless at the Research Center.	
2016–2019	Research Assistant (Mentored by Dr. Yuanchao Shu & Dr. Kexiong Zeng)	Microsoft Research Asia & Virginia Tech, <i>Remote</i>
	Developed a field practical test and a user study which includes driving simulator based on Android and Euro Truck Simulator II to simulate actual GPS spoofing attacks on mobile devices. Resulted in a USENIX Security'18 and HotMobile'17 paper.	
2017–2019	Founder/CEO	Dominity Security Co., Ltd., <i>Chengdu, P.R. China</i>
	Founded Dominity Security Co., Ltd. with 14 peers, served as CEO and worked on wireless security defense systems. Holder of 4 CN patents and 4 national awards on our product MAPRO.	

Awards and Honors

38/Worldwide	Rising Star in ML and Systems, MLCommons 2025
Only	Best Full Paper Award, ACM WiSec 2025
3/Applicants	Carnegie Bosch Fellowship, Carnegie Bosch Institute and ECE Department of CMU
1/Applicants	ACTION AI PostDoc Fellowship
94/U.S.	NSF NeTS Early-Career Investigators Travel Grant
5/40+	Daniels Fellowship, UChicago CS Department fellowship
1/30+	NDSS'19 Distinguished Poster Presentation Award
12/3000+	Best Undergrad Thesis, 1 out of 12 Students in UESTC, Sichuan, China
Top 1%	Excellent Graduate of Sichuan Province, Top 1% Student of the Province
66/China 2018 UG	Network Security Scholarship, 1 of 66 Undergraduate Students who won this National Award
1/200+ Teams	Highest Prize, 10th Chinese National University Students Information Security Competition

Grants

2026	Faculty Interdisciplinary Fund, HKU Faculty of Engineering	<i>PI, HKD 400,000</i>
2026	Smart Traffic Fund, HKSAR Transport Department	<i>Co-I/Team Leader, HKD 6,264,871.30</i>
2026	Miracle Plus Research Compute Grant	<i>PI, RMB 500,000 in GPU compute</i>
2025	Startup Fund, HKU Faculty of Engineering and Department of DASE	<i>PI, Confidential</i>

Research and Publications

** Equal contribution.*

Conference

- [1] **Shinan Liu**, Ted Shaowang, Gerry Wan, Jeewon Chae, Jonatas Marques, Sanjay Krishnan, and Nick Feamster. FlowWise: Stateful Fast-Slow Model Serving for Streaming Traffic Intelligence. In *Proceedings of the ACM Symposium on Cloud Computing (SoCC)*, 2026.

- [2] Zihao Dan, **Shinan Liu**, Shuwen Deng, Yanan Guo, Yinqian Zhang, Dongsheng Wang, and Yun Chen. GhostAccess: Attacking the GPU on the Multi-tenant Cloud via CPU LLC under Unified Memory. In *Proceedings of the IEEE/ACM International Symposium on Microarchitecture (MICRO)*, 2026.
- [3] Weisi Yang, **Shinan Liu**, Feng Xiao, Nick Feamster, and Stephen Xia. Towards On-Device Evidence Gathering for Intimate Partner Infiltration: A Feasibility Study for Joint Identity–Action Detection. In *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT/UbiComp)*, 2026.
- [4] Van Tran, **Shinan Liu**, Tian Li, and Nick Feamster. Quantifying the privacy implications of high-fidelity synthetic network traffic. In *Proceedings of the ACM Internet Measurement Conference (IMC)*, 2026.
- [5] Ragini Gupta, **Shinan Liu**, Xinchun Zhang, Ruixiao Zhang, Hadjer Benkraouda, Xinyue Hu, Phuong Cao, Nick Feamster, and Klara Nahrstedt. Generative Active Adaptation for Drifting and Imbalanced Network Intrusion Detection. In *Proceedings of the ACM SIGCOMM International Conference on Emerging Networking Experiments and Technologies (CoNEXT)*, 2026.
- [6] Andrew Chu, Xi Jiang, **Shinan Liu**, Arjun Bhagoji, Francesco Bronzino, Paul Schmitt, and Nick Feamster. NetSSM: Multi-Flow and State-Aware Network Trace Generation using State-Space Models. In *Proceedings of the ACM SIGCOMM International Conference on Emerging Networking Experiments and Technologies (CoNEXT)*, Seoul, South Korea, 2026.
- [7] Ronghua Li, **Shinan Liu**, Haibo Hu, Qingqing Ye, and Nick Feamster. Wifinger: Fingerprinting noisy iot event traffic using packet-level sequence matching. In *Proceedings of the Network and Distributed System Security Symposium (NDSS)*, 2026.
- [8] Jiao Xu, Junwei Liu, Jiangwei Lao, Qi Zhu, Yunpeng Zhao, Xin Chen, Congyun Jin, **Shinan Liu**, Zhihong Lu, Jian Wang, Lihe Zhang, and Ping Wang. Pulsemind: A multi-modal medical model for real-world clinical diagnosis. In *AAAI Conference on Artificial Intelligence (AAAI), Oral*, 2026.
- [9] Johann Hugon, **Shinan Liu**, Paul Schmitt, Nick Feamster, and Francesco Bronzino. Lofi: Low-cost early application filter based on cached ml decisions. In *IEEE Conference on Network Softwarization (NetSoft)*, 2026.
- [10] Ted Shaowang, **Shinan Liu**, Jonatas Marques, Nick Feamster, and Sanjay Krishnan. Algorithmic Data Minimization for Machine Learning over Internet-of-Things Data Streams. *Proceedings of the VLDB Endowment*, 18(13):5652–5661, 2025. Presented at VLDB 2026.
- [11] Xi Jiang, **Shinan Liu**, Saloua Naama, Francesco Bronzino, Paul Schmitt, and Nick Feamster. Jiti: Dynamic model serving for just-in-time traffic inference. In *Proceedings of the ACM SIGCOMM International Conference on Emerging Networking Experiments and Technologies (CoNEXT)*, Hong Kong, China, 2025.
- [12] Xiang Cheng, Hanchao Yang, **Shinan Liu**, and Yaling Yang. Distributed multi-antenna gps spoofing attack using off-the-shelf devices. In *Proceedings of the ACM Conference on Security and Privacy in Wireless and Mobile Networks (WiSec)* **Best Full Paper Award**, pages 28–39, 2025.
- [13] Gerry Wan, **Shinan Liu**, Francesco Bronzino, Nick Feamster, and Zakir Durumeric. Cato: End-to-end optimization of ml-based traffic analysis pipelines. In *Proceedings of USENIX Symposium on Networked Systems Design and Implementation (NSDI)*, 2025.
- [14] Xi Jiang, **Shinan Liu**, Aaron Gember-Jacobson, Arjun Nitin Bhagoji, Paul Schmitt, Francesco Bronzino, and Nick Feamster. Netdiffusion: Network data augmentation through protocol-constrained traffic generation. In *Proceedings of the ACM on Measurement and Analysis of Computer Systems (SIGMETRICS)*, Venice, Italy, 2024.
- [15] **Shinan Liu**, Francesco Bronzino, Paul Schmitt, Arjun Nitin Bhagoji, Nick Feamster, Hector Garcia Crespo, Timothy Coyle, and Brian Ward. Leaf: Navigating concept drift in cellular networks. In *Proceedings of the ACM SIGCOMM International Conference on Emerging Networking Experiments and Technologies (CoNEXT)*, pages 1–12, Paris, France, 2023.

- [16] **Shinan Liu**, Tarun Mangla, Ted Shaowang, Jinjin Zhao, John Paparrizos, Sanjay Krishnan, and Nick Feamster. Amir: Active multimodal interaction recognition from video and network traffic in connected environments. In *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT/UbiComp)*, Cancun, Mexico, 2023.
- [17] Stefany Cruz, Logan Danek, **Shinan Liu**, Christopher Kraemer, Zixin Wang, Nick Feamster, Danny Yuxing Huang, Yaxing Yao, and Josiah Hester. Toward identifying home privacy leaks using augmented reality. In *Proceedings of the Symposium on Usable Security and Privacy (NDSS USEC)*, San Diego, CA, 2023.
- [18] **Shinan Liu***, Xiang Cheng*, Hanchao Yang, Yuanchao Shu, Xiaoran Weng, Ping Guo, Kexiong Curtis Zeng, Gang Wang, and Yaling Yang. Stars can tell: a robust method to defend against gps spoofing attacks using off-the-shelf chipset. In *Proceedings of the USENIX Security Symposium (USENIX Security)*, pages 3935–3952, 2021.
- [19] **Shinan Liu**, Paul Schmitt, Francesco Bronzino, and Nick Feamster. Characterizing service provider response to the covid-19 pandemic in the united states. In *Proceedings of the Passive and Active Measurement Conference (PAM)*, pages 20–38, Brandenburg, Germany, 2021.
- [20] Francesco Bronzino, Nick Feamster, **Shinan Liu**, James Saxon, and Paul Schmitt. Mapping the digital divide: Before, during, and after covid-19. In *Proceedings of The 48th research conference on communication, information and internet policy (TPRC)*, 2021.
- [21] Kexiong Curtis Zeng, **Shinan Liu**, Yuanchao Shu, Dong Wang, Haoyu Li, Yanzhi Dou, Gang Wang, and Yaling Yang. All your gps are belong to us: Towards stealthy manipulation of road navigation systems. In *Proceedings of the USENIX Security Symposium (USENIX Security)*, pages 1527–1544, 2018.

Preprints

- [22] Jialin Zhang, Fenghao Dong, Yajie Zhou, Vyas Sekar, and **Shinan Liu**. TabQueryBench: A Query-Centric Benchmark for Synthetic Tabular Data. In *arXiv preprint arXiv:2607.03926*, 2026.
- [23] He Sun, **Shinan Liu**, Siyuan Ma, Junhao Li, Mingjun Xiao, and Wenhao Jiang. Agent-Assisted Side-Channel Attacks on Non-Prefix KV Cache in RAG. In *arXiv preprint arXiv:2606.21842*, 2026.
- [24] Junhui Ding, Xincheng Zhang, Xiaohui Xie, and **Shinan Liu**. Tracecodec: A compiler-backed neural codec for stateful multi-flow network traffic traces. In *Submission*, 2026.
- [25] Zhaochen Guo, Tianyufei Zhou, Honghao Wang, Ronghua Li, and **Shinan Liu**. Pacc: Protocol-aware cross-layer compression for compact network traffic representation. In *Submission*, 2026.
- [26] He Sun, **Shinan Liu**, Li Li, and Mingjun Xiao. Hillinfer: Efficient long-context llm inference on the edge with hierarchical kv eviction using smartssd. In *Submission*, 2026.
- [27] Xiangbo Gao, Tzu-Hsiang Lin, Ruojing Song, Yuheng Wu, Kuan-Ru Huang, Zicheng Jin, Fangzhou Lin, **Shinan Liu**, and Zhengzhong Tu. Safecoop: Unravelling full stack safety in agentic collaborative driving. In *Submission*, 2025.
- [28] Yining Wang*, Jinman Zhao*, Chuangxin Zhao, Shuhao Guan, Gerald Penn, and **Shinan Liu**. λ -GRPO: Unifying the GRPO Frameworks with Learnable Token Preferences. In *Submission*, 2025.

Journal

- [29] Rameen Mahmood, Annabelle David, Donghan Hu, Nabil Alshurafa, Lou M. Haux, Josiah Hester, Andrew Kiselica, **Shinan Liu**, Chenxi Qiu, Chao-Yi Wu, Zachary Beattie, Jeffrey Kaye, and Danny Yuxing Huang. Digital phenotyping via passive network traffic monitoring: Prospective observational study in university students. *JMIR Formative Research*, 10:e84618, 2026.

Workshop

- [30] Dong Liu, Yanxuan Yu, and **Shinan Liu**. SPI: Query-Depth-Adaptive Indexing for Streaming RAG in Vector Databases. In *VLDB Workshop on Vector Databases (VecDB)*, 2026.

- [31] Fenghao Dong, Yucheng Yin, **Shinan Liu**, Giulia Fanti, and Vyas Sekar. Tackling long-term network trace retention challenges using deep generative compression. In *The NDSS 2025 Workshop on SOC Organization and Construction (WOSOC'25)*, February 2025.
- [32] Andrew Chu, Xi Jiang, **Shinan Liu**, Arjun Bhagoji, Francesco Bronzino, Paul Schmitt, and Nick Feamster. Feasibility of state space models for network traffic generation. In *Proceedings of the 2024 SIGCOMM Workshop on Networks for AI Computing (NAIC)*, pages 9–17, 2024.
- [33] Xi Jiang*, **Shinan Liu***, Aaron Gember-Jacobson, Paul Schmitt, Francesco Bronzino, and Nick Feamster. Generative, high-fidelity network traces. In *ACM SIGCOMM Workshop on Hot Topics in Networks (HotNets)*, Cambridge, Massachusetts, 2023.
- [34] **Shinan Liu**, Francesco Bronzino, Paul Schmitt, Nick Feamster, Ricardo Borges, Hector Garcia Crespo, and Brian Ward. Understanding model drift in a large cellular network. In *Proceedings of Annual Conference on Machine Learning and Systems Practical Adoption Challenges of ML for Systems in Industry (MLSys PACMI)*, Santa Clara, CA, 2022.
- [35] Xi Jiang, **Shinan Liu**, Saloua Naama, Francesco Bronzino, Paul Schmitt, and Nick Feamster. Towards designing robust and efficient classifiers for encrypted traffic in the modern internet. In *IAB Workshop on Management Techniques in Encrypted Networks (M-TEN)*, October 2022.
- [36] Francesco Bronzino, Elizabeth Cully, Nick Feamster, **Shinan Liu**, Jason Livingood, and Paul Schmitt. Interconnection changes in the united states. In *IAB COVID-19 Workshop*, January 2021.
- [37] Kexiong Curtis Zeng, Yuanchao Shu, **Shinan Liu**, Yanzhi Dou, and Yaling Yang. A practical gps location spoofing attack in road navigation scenario. In *Proceedings of the International Workshop on Mobile Computing Systems and Applications (HotMobile)*, pages 85–90, 2017.

Poster

- [38] Fenghao Dong, Yucheng Yin, Yajie Zhou, Peilin Xin, **Shinan Liu**, and Vyas Sekar. Poster: DeePCAP: Enabling High-Fidelity and Cost-Efficient Archival Packet Trace Storage. In *Proceedings of the ACM SIGCOMM Posters and Demos*, 2026.
- [39] Junjie Shen, Jun Yeon Won, **Shinan Liu**, Qi Alfred Chen, and Alexander Veidenbaum. Poster: Security analysis of multi-sensor fusion based localization in autonomous vehicles. In *Proceedings of Network and Distributed System Security Symposium (NDSS)* **Best Poster Presentation Award**, San Diego, CA, 2019.

Patent Applications

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| 2026 | Nick Feamster, Francesco Bronzino, Xi Jiang, Shinan Liu , Arjun Nitin Bhagoji, and Paul Schmitt. <i>Diffusion-Based Network Traffic Generation</i> . U.S. patent application publication US 20260089070 A1, March 26, 2026. |
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Academic Service

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| 2027 | Program Committee Member, USENIX Security Symposium |
| 2026 | Program Committee Member, ACM Special Interest Group on Data Communication (SIGCOMM) |
| 2026 | Program Committee Member, ACM Conference on Computer and Communications Security (CCS) |
| 2024, 2026 | Program Committee Member, ACM Internet Measurement Conference (IMC) |
| 2026, 2027 | Program Committee Member, PETS/PoPETS |
| 2026 | External Review Committee Member, MLSys |
| 2026 | Program Committee Member, FMSys |
| 2026 | Selection Committee Member, ML and Systems Rising Stars |
| 2023–2025 | Head, NSF ACTION Institute Student Advisory Council |
| 2024 | Pre-review Taskforce, USENIX NSDI 2025 |
| 2020 | Committee Member, IAG (International Association of Geodesy) GNSS Interference and Spoofing |

2017–present Reviewer for multiple conferences and journals, including:
 NeurIPS, UbiComp/IMWUT, USENIX Annual Technical Conference (ATC), IEEE Transactions on Dependable and Secure Computing (TDSC), IEEE Transactions on Information Forensics and Security (TIFS), IEEE Internet of Things Journal (IoTJ), IEEE Transactions on Machine Learning in Communications and Networking, Computer Networks, IEEE Transactions on Intelligent Transportation Systems, IEEE Conference on Computer Communications (INFOCOM), EAI SecureComm, IEEE Transactions on Wireless Communications

Teaching and Mentoring Experience

Teaching

2026 **Instructor**, DASE3137 Virtual Reality for Systems Engineering *Hong Kong SAR, China*
 This course introduces virtual reality (VR) from a systems engineering perspective. Students learn core VR concepts, human perception, system components, and real-time constraints, and apply them through hands-on labs and a team project using modern VR hardware. The course combines lectures, practical development, research paper discussions, and a final system demo.

2022 **Student Instructor**, Data clinics in collaboration with Verizon *Chicago, USA*
 Mentored a collaborative project with master's students to develop strategies for managing exogenous shocks in Verizon. Created notes and interactive Python notebooks (with separate teacher and student versions) to support independent exploration while providing structured guidance.

2020 **Teaching Assistant**, CS15400 Introduction to Computer Systems *Chicago, USA*
 Assisted around 150 students in hands-on projects, including cache optimization. Fostered engagement and collaboration, which was especially valuable during COVID-19 remote learning.

2020 **Teaching Assistant**, CS23400 Mobile Computing *Chicago, USA*
 Supported approximately 40 students through regular office hours. Guided students through projects, including WiFi and AI-based virtual flag triangulation.

Mentoring

HKU **Hangcheng Cao**, Postdoctoral Scholar (Summer 2026–present).

HKU **Ronghua Li**, Postdoctoral Scholar (Fall 2026–present).

HKU **Adrien Schoen**, Postdoctoral Scholar (Fall 2026–present).

HKU **He Sun**, Postdoctoral Scholar (Fall 2026–present).

HKU **Xinchen Zhang**, Postdoctoral Scholar (Fall 2025–Summer 2026); now Tenured Associate Professor at Northeastern University, China.

HKU **Zihao Dan**, Ph.D. student (2025 Fall –).

HKU **Zerui Chen**, Ph.D. student (2026 Spring –).

HKU **Zhifan Luo**, Ph.D. student (2026 Summer –).

HKU **Junhui Ding**, MPhil student (2026 Fall –).

HKU **Tianyufei Zhou**, MPhil student (2026 Spring –).

HKU **Yihan Bai**, Research Intern (Summer 2026–present).

HKU **Minghao Gan**, Research Intern (Spring 2026–present).

HKU **Zhaochen Guo**, Research Intern (Summer 2025–present).

HKU **Jinzhao Lian**, Research Intern (Spring 2026–present).

HKU **Chengeng Liu**, Research Intern (Spring 2026–present).

HKU **Jialin Zhang**, Research Intern (Summer 2025–present).

HKU **Jinyu Zhang**, Research Intern (Summer 2025–present).

HKU **Mingxi Qiu**, Research Intern (Fall 2025–Spring 2026); now a Ph.D. student in Computer Science at Virginia Tech.

HKU **Doris (Yining) Wang**, Research Intern (Summer 2025–Spring 2026); now a Ph.D. student in Computer Science at New York University.

HKU	Ziwen Yuan , Research Intern (Fall 2025–Spring 2026); now a Ph.D. student in Computer Science at Pennsylvania State University.
UChicago	Xi (Chase) Jiang , Ph.D. student, coauthored [6], [11], [14], [33], and [35], working on multiple follow-ups.
UChicago	Van Tran , Ph.D. student.
UChicago	Ronghua Li , Visiting Ph.D. student (from PolyU Hong Kong).
UChicago	Johann Hugon , Visiting Ph.D. student (from ENS Lyon).
UIUC	Ragini Gupta , Ph.D. student. coauthored [5], working on a follow-up.
Northwestern	Weisi Yang , Ph.D. student (UESTC UG, UChicago intern). coauthored [3], working on a follow-up.
CMU	Fenghao Dong , Ph.D. student. coauthored [31], working on an extension.
UChicago	Jeewon Chae , Master student -> Meta. coauthored [1].
UChicago	Rahim Rasool , Master student -> data scientist at UChicago DSI.
UChicago	Jasmine Huang , Master student -> Meta -> ServiceNow.
CMU	Goutam Mukku , Master student.
CMU	Anirudh Mani , Undergraduate student.
CMU	Ayca Bulbul , Undergraduate student.

Invited Talks

	Invited Speaker, "Building Practical Systems for High-Fidelity Synthetic Data" @Rockfish Data
2026	Invited Speaker, "The Promise of Generative Synthetic Data for Networked Intelligent Systems" @Harvard AI and Robotics Seminar
2024-2025	Speaker, "Weaving Intelligence into Network Operations" @Stanford University ESRG Group, Carnegie Mellon University Networking Group, UIUC SysNet Seminar, UWisc Madison System Seminar, Dartmouth College, UMass Amherst, Boston University System Seminar, Virginia Tech CS Seminar, Emerald Innovation Inc. / MIT, Tufts University, Stony Brook University Security Seminar, Cornell Tech, TTIC, Northwestern University ECE Seminar, Purdue Networking Group Seminar, Columbia University, Rutgers University, OSU Security Group, Williams College, DePaul University, HKUST Guangzhou, NJIT, Clemson, Nokia Bell Labs, University of Alberta, University of Hong Kong, Hong Kong University of Science and Technology, Chinese University of Hong Kong (Shenzhen), Tsinghua University
2023	Speaker, "AMIR: Active Multimodal Interaction Recognition from Video and Network Traffic in Connected Environments" @UbiComp'23
2022	Invited Speaker, "Towards Data-centric AI for Robust and Secure Operations in Networks" @Georgia Tech
2022	Speaker, "Stars Can Tell: A Robust Method to Defend against GPS Spoofing Attacks Using Off-the-shelf Chipset" @USENIX Security'22
2021	Speaker, University of Chicago People and Tech Seminar
2018	Co-presenter with Kexiong (Curtis) Zeng, "All Your GPS Are Belong To Us: Towards Stealthy Manipulation of Road Navigation Systems" @USENIX Security'18

Media Coverages

UChicago News	University of Chicago Researchers Revolutionize Network Traffic Generation with AI Breakthrough
Forbes	This GPS Spoofing Hack Can Really Mess With Your Google Maps Trips
Bloomberg	How Hackers Can Take Over Your Car's GPS
Wall Street Journal	How to Defend Against GPS Spoofing Attacks
ACM TechNews	Researchers Mount Successful GPS Spoofing Attack Against Road Navigation Systems