Zhengyi Li

Department of Mathematics and
Computer Science
Augustana College
639 38th St
Rock Island, IL

Phone:
Email:
Website: https://zhengyili1.github.io

Academic Appointments

Assistant Professor of Computer Science, Augustana College 2024 –

Education

Ph.D. in Intelligent Systems Engineering, Indiana University Bloomington 2019 – 2025

Dissertation: Cyber Threat Intelligence at the Forefront of System Security Preservation and Public Health

Advisor: Prof. Xiaojing Liao

M.Sc. in Intelligent Systems Engineering, Indiana University Bloomington 2017 – 2019

Advisor: Prof. Xiaojing Liao

B.Eng. in Electrical Engineering, Huaqiao University 2013 – 2017

Advisor: Prof. Pengfei Shao

Publications

Conferences

[1] Zilong Lin, **Zhengyi Li**, Xiaojing Liao, XiaoFeng Wang, and Xiaozhong Liu. "MAWSEO: Adversarial Wiki Search Poisoning for Illicit Online Promotion". In: *Proceedings of IEEE Symposium on Security and Privacy (Oakland)*. 2024.

[2] **Zhengyi Li** and Xiaojing Liao. "Understanding and Analyzing Appraisal Systems in the Underground Marketplaces". In: *Proceedings of ISOC Network and Distributed System Security Symposium (NDSS)*. 2024.

[3] Yue Xiao, **Zhengyi Li**, Yue Qin, Xiaolong Bai, Jiale Guan, Xiaojing Liao, and Luyi Xing. "Lalaine: Measuring and Characterizing Non-Compliance of Apple Privacy Labels at Scale". In: *Proceedings of USENIX Security Symposium (Security)*. 2023.

[4] **Zhengyi Li**, Kyle Nguyen Le, Zuyuan Chen, Xiaojing Liao, and Brent Monseur. "Exploring the Reproductive Black Market: Family Planning Medications on the Dark Web". In: *Proceeding of Pacific Coast Obstetrical and Gynecological Society Annual Meeting (PCOGS)*. 2022.

[5] **Zhengyi Li**, Kyle Nguyen Le, Xiaojing Liao, and Brent Monseur. "Exploring the Reproductive Black Market: Fertility Medications on the Dark Web". In: *Proceeding of The American Society for Reproductive Medicine (ASRM) Scientific Congress & Expo*. 2022.

[6] Xianghang Mi, Siyuan Tang, **Zhengyi Li**, Xiaojing Liao, Feng Qian, and Xiaofeng Wang. "Your Phone is My Proxy: Detecting and Understanding Mobile Proxy Networks". In: *Proceeding of ISOC Network and Distributed System Security Symposium (NDSS)*. 2021.

Journals

[1] **Zhengyi Li**, Kyle Nguyen Le, Xiaojing Liao, and Brent Monseur. "An Exploration of Fertility and Reproductive Medications on the Dark Web". In: *Preprint*. 2025.

[2] **Zhengyi Li**, Xiangyu Du, Xiaojing Liao, Xiaoqian Jiang, and Tiffany Champagne-Langabeer. "Demystifying the Dark Web Opioid Trade: Content Analysis on Anonymous Market Listings and Forum Posts". In: *Journal of Medical Internet Research (JMIR) 2021;23(2):e24486*. 2021.

Grants and Fellowships

(Fellowship) Augustana College Faculty Research Fellowship, $4,000 **awarded.**	2025

Media Coverage

U.S.News & HealthDay. People Are Buying Illegal Opioids on the Dark Web	Apr 2021

Campus Talks

Augustana College Faculty & Staff Research Seminar, "Fulfill Privacy and Security Compliance in Software Supply Chain."	Oct 2025
Augustana College PME of the AK Society Annual Banquet, "From Pixels to Patterns: Unveiling Mystery with AI Feature Extraction."	Apr 2025

Teaching

Assistant Professor at Augustana College

CSC-320	Principles of Artificial Intelligence	SP26
DATA-492	Data Science Senior Inquiry	SP26
CSC-332	Operating System	FA25
CSC-201	Introduction to Computer Science	SP25, FA25
CSC-325	Machine Learning	SP25
CSC-215	Web Programming	J25
CSC-336	Internet and Cybersecurity	FA24
CSC-335	Networking Fundamentals	FA24

Instructor at Indiana University Bloomington

CSCI-B547	Systems & Protocol Security and Information Assurance	SP24
CSCI-B365	Data Analysis and Mining	FA23

ENGR-E221	Intelligent Systems I (lab session)	FA18

Associate Instructor at Indiana University Bloomington

ENGR-E511	Machine Learning for Signal Processing	SP21, SP22, SP23
ENGR-E533	Deep Learning Systems	FA20, FA21, FA22
ENGR-E222	Intelligent Systems II	SP20
ENGR-E503	Intro to Intelligent Systems	FA19
ENGR-E616	Advanced Cloud Computing	SP19

Professional Activities

Review Service for Conferences

IEEE Symposium on Security and Privacy (Oakland)	2020-2022, 2024-2025
ACM Conference on Computer and Communications Security (CCS)	2022-2023, 2025
Symposium on Vehicle Security and Privacy (VehicleSec)	2023
Network and Distributed System Security Symposium (NDSS)	2020-2022
IEEE/ACM Transactions on Networking (TNET)	2022
American Medical Informatics Association (AMIA) Annual Symposium	2021
Journal of Medical Internet Research (JMIR)	2021
European Symposium on Research in Computer Security (ESORICS)	2021
ACM Asia Conference on Computer & Communications Security (AsiaCCS)	2020
Annual Computer Security Applications Conference (ACSAC)	2019

Industry Experience

SiriusXM, Inc 2023
Application Vulnerability Engineer Intern