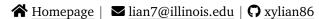
# XINYU LIAN



### **EDUCATION**

## University of Illinois Urbana-Champaign

Aug. 2024 – Present

Aug. 2022 - May 2024

Ph.D. in Computer Science

**University of Illinois Urbana-Champaign** 

MS in Computer Science (Research-Oriented)

Sept. 2018 – June 2022

Advisors: Tianyin Xu and Darko Marinov

**Zhejiang University** 

B.Eng. in Electronic and Computer Engineering

### **PUBLICATIONS**

- Universal Checkpointing: Efficient and Flexible Checkpointing for Large Scale Distributed Training Xinyu Lian, Sam Ade Jacobs, Lev Kurilenko, Masahiro Tanaka, Stas Bekman, Olatunji Ruwase, Minjia Zhang arXiv preprint arXiv:2406.18820. 2024
- [ICSE 2025] Large Language Models as Configuration Validators
  Xinyu Lian, Yinfang Chen, Runxiang Cheng, Jie Huang, Parth Thakkar, Minjia Zhang, Tianyin Xu
  47th International Conference on Software Engineering
- [FSE 2024] Ctest4J: A Practical Configuration Testing Framework for Java Shuai Wang, Xinyu Lian, Qingyu Li, Darko Marinov, Tianyin Xu 32nd ACM International Conference on the Foundations of Software Engineering, Demo Papers
- [ICSE 2023] Test Selection for Unified Regression Testing Shuai Wang, Xinyu Lian, Darko Marinov, Tianyin Xu 45th International Conference on Software Engineering
- [ABZ 2021] Towards Refinement of Unbounded Parallelism in ASMs Using Concurrency and Reflection Fengqing Jiang, Neng Xiong, Xinyu Lian, Senén González, Klaus-Dieter Schewe 8th International ABZ Conference on ASM, Alloy, B, TLA, VDM, Z

## **ACADEMIC SERVICES**

Origanizer	Brett Daniel Software Engineering Seminar
Artifact Evaluation Committee	SOSP'24
Volunteer	ICSE'23
CELECTED MAIADDE O HOMODE	

#### SELECTED AWARDS & HONORS

Provincial Outstanding Graduate

2022