

YANG CHEN

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EDUCATION

- **University of Illinois Urbana-Champaign** 2022 - Present
Ph.D. student in Computer Science
◦ Co-advised by **Prof. Darko Marinov** and **Prof. Reyhaneh Jabbarvand** USA
- **Huazhong University of Science and Technology** 2018 - 2022
B.Sc. in Computer Science China

PUBLICATIONS

A Preliminary Study of Fixed Flaky Tests in Rust Projects on GitHub.

Flaky Test Workshop in Proceedings of the 47th International Conference on Software Engineering.

ICSE-FTW 2025. Ottawa, Ontario, Canada. April 2025.

Tom Schroeder, Minh Phan and Yang Chen.

Neurosymbolic Repair of Test Flakiness.

The 33rd ACM SIGSOFT International Symposium on Software Testing and Analysis.

ISSTA 2024. Vienna, Austria. September 2024.

Yang Chen and Reyhaneh Jabbarvand.

Can ChatGPT Repair Non-Order-Dependent Flaky Tests?

Flaky Test Workshop in Proceedings of the 46th International Conference on Software Engineering.

ICSE-FTW 2024. Lisbon, Portugal. April 2024.

Yang Chen and Reyhaneh Jabbarvand.

Flakiness Repair in the Era of Large Language Models.

Student Research Competition in Proceedings of the 46th International Conference on Software Engineering.

ICSE-Companion 2024. Lisbon, Portugal. April 2024. **Ranked 2nd Place.**

Yang Chen.

Automated Bug Generation in the era of Large Language Models.

arXiv 2023.

Ali Reza Ibrahimzada, Yang Chen, Ryan Rong, and Reyhaneh Jabbarvand.

Transforming Test Suites into Croissants.

The 32nd ACM SIGSOFT International Symposium on Software Testing and Analysis.

ISSTA 2023. Seattle, WA, USA. 2023.

Yang Chen, Alperen Yildiz, Darko Marinov, and Reyhaneh Jabbarvand.

iPFlakies: A Framework for Detecting and Fixing Python Order-Dependent Flaky Tests.

In Proceedings of the 44th International Conference on Software Engineering.

ICSE-Demo 2022. Pittsburgh, PA, USA. 2022.

Ruixin Wang, Yang Chen, Wing Lam.

EXPERIENCE

- **IBM Research Intern** May 2025 - August 2025
Working on AI powered code generation New York, USA

SELECTED HONORS AND GRANTS

- SIGSOFT CAPS Grant for ISSTA 2023 & ICSE 2024 & ISSTA 2024
- Outstanding Graduate of Class 2022. Huazhong University of Science and Technology.

ACADEMIC SERVICE

- Artifact Evaluation PC: ISSTA 2024 & ISSTA 2025
- Research Track PC: MSR 2024