YANG CHEN

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EDUCATION

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

- **Huazhong University of Science and Technology** *2018 - 2022*
B.Sc. in Computer Science China

PUBLICATIONS

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. **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. Seattle, WA, USA. 2023.
Yang Chen, Alperen Yildiz, Darko Marinov, and Reyhaneh Jabbarvand.

HONORS AND GRANTS

- SIGSOFT CAPS Grant for ISSTA 2023 & ICSE 2024 & ISSTA 2024
- Outstanding Graduate of Class 2022

ACADEMIC SERVICE

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

SKILLS

- Programming Languages: Python & Java