YANG CHEN

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https://yangc9.github.io

EDUCATION

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

Huazhong University of Science and Technology   *2018 - 2022, China*
B.Sc. in Computer Science (Information Security Track)

PUBLICATIONS

A Generic Approach to Fix Test Flakiness in Real-World Projects
Yang Chen, Ryan Rong, and Reyhaneh Jabbarvand.
arXiv pre-print, 2024.

Can ChatGPT Repair Non-Order-Dependent Flaky Tests?
Yang Chen, Reyhaneh Jabbarvand.
In FTW@ICSE 2024, Proceedings of the 46th International Conference on Software Engineering, Flaky Test Workshop, (Lisbon, Portugal), 2024.

Flakiness Repair in the Era of Large Language Models
Yang Chen.
In SRC@ICSE 2024, Proceedings of the 46th International Conference on Software Engineering, Student Research Competition, (Lisbon, Portugal), 2024. **Ranked 2nd Place.**

Automated Bug Generation in the era of Large Language Models
Ali Reza Ibrahimzada, Yang Chen, Ryan Rong, and Reyhaneh Jabbarvand.
arXiv pre-print, 2023.

Transforming Test Suites into Croissants
Yang Chen, Alperen Yildiz, Darko Marinov, and Reyhaneh Jabbarvand.
In ISSTA 2023, ACM SIGSOFT International Symposium on Software Testing and Analysis, (Seattle, WA, USA), 2023. (Acceptance rate: 31%).

iPFlakies: A Framework for Detecting and Fixing Python Order-Dependent Flaky Tests
Ruixin Wang, Yang Chen, and Wing Lam.
In ICSE 2022 Demonstrations Track, Proceedings of the 44th International Conference on Software Engineering, (Pittsburgh, PA, USA), 2022. (Acceptance rate: 50%).

HONORS & GRANTS

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

SERVICE

- Artifact Evaluation PC: ISSTA'24
- Research Track PC: MSR'24
- Student Volunteer: ICSE'22 & ISSTA'23