

# SUYANG ZHONG

+86 182 2692 5112 ♦ [suyang@u.nus.edu](mailto:suyang@u.nus.edu) ♦ [GitHub](#)

WEBPAGE: [suyang.zone](http://suyang.zone)

## RESEARCH INTEREST

---

Reliability of system software including database systems; testing, analysis and debugging.

## EDUCATION

---

**National University of Singapore** 2022 – Present

Ph.D. in Computer Science

**Advisor:** Prof. Manuel Rigger

**University of Science and Technology of China** 2018 – 2022

Bachelor of Computer Science and Technology

## PUBLICATION

---

[SIGMOD'25] Understanding and Reusing Test Suites across Database Systems

*Suyang Zhong, Manuel Rigger*

[PDF]

<https://github.com/suyZhong/SQualiTy>

[Under Review] SQLancer++: A Scalable and Dialect-agnostic Platform for Database System Testing

*Suyang Zhong, Manuel Rigger*

[PDF]

## PROJECTS

---

**Scaling Automated Database System Testing** Oct. 2023 – Present

- Developed dialect-agnostic methods for automated testing of database systems *at scale*.
- Found 255 bugs across 20 systems—including SQLite and MySQL—with 218 bugs fixed by developers.

## AWARDS

---

NUS Research Achievement Award 2025

Singapore Open Research Award Winner 2024

Outstanding Graduates at USTC, China 2022

## SERVICES

---

Program Committee for SIGMOD'24 ARI

Student Volunteer for ICSE'22

## TEACHING

---

Head TA for CS3213 Foundations of Software Engineering AY2024/2025 Semester 2, NUS

Head TA for CS3213 Foundations of Software Engineering AY2023/2024 Semester 2, NUS

TA for CS3245 Information Retrieval AY2022/2023 Semester 2, NUS

TA for Introduction to Software Engineering Spring semester, 2022, USTC

TA for Mathematical Logic Spring semester, 2021, USTC

TA for Analog and Digital Circuit Fall semester, 2020, USTC

## TALKS

---

Scaling Automated Database System Testing

SG Programming Languages Summit 2024