Aoyang Fang

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Supervisor: Pinjia He https://pinjiahe.github.io/

Employment History

2022.3 – 2022.9	**Shopee Pte. Ltd** Full-time Backend Developer.
2021.10 – 2022.1	**Huawei Technologies Co., Ltd** Software Engineering Backend Developer Intern.

Education

2024 – now	**PhD. Computer Science** in The Chinese University of Hong Kong, Shenzhen.
2023 – 2024	**MPhil. Computer Information and Engineering** in The Chinese University of Hong Kong, Shenzhen.
2018 – 2022	**B.Sc., Computer Science and Technology** in Harbin Institute of Technology, Shenzhen.

Research Publications

Conference Proceedings

1. Q. Mang, A. Fang, B. Yu, H. Chen, and P. He, "Testing graph database systems via equivalent query rewriting," in *2024 46th IEEE/ACM International Conference on Software Engineering (ICSE)*, co-first author, https://conf.researchr.org/details/icse-2024/icse-2024-research-track/200/Testing-Graph-Database-Systems-via-Equivalent-Query-Rewriting, 10 pages, **(CCF-A)**, 2024, p. 10.

2. A. Fang, R. Zhou, X. Tang, and P. He, "Rpcover: Recovering grpc dependency in multilingual projects," in *2023 38th IEEE/ACM International Conference on Automated Software Engineering (ASE)*, Distinquished Paper Award, 10 pages, **(CCF-A)**, IEEE, 2023, pp. 1930–1939.

Services

ISSRE'24	Artifact reviewer
TOSEM'24	Paper reviewer
ATC'24	Artifact reviewer
OSDI'24	Artifact reviewer
ISSTA'24	Artifact reviewer
TACAS'24	Artifact reviewer
ECOOP'24	Artifact reviewer, External Paper reviewer

Miscellaneous Experience

Awards and Achievements

2024	ECOOP'24, Distinguished Artifact Reviewer Award
2023	ASE'23, Distinguished Paper Award of Industry Challenge Track
2021	National Student Computer System Ability Competition, Operating System Design Competition, Second Prize

Miscellaneous Experience (continued)

- Ministry of Education-Huawei Smart Dock "Future Star" Scholarship
- Harbin Institute of Technology (Shenzhen) Undergraduate Academic Scholarship
- Harbin Institute of Technology (Shenzhen) "Outstanding Student Leaders" Scholarship