

Anjiang Wei

Curriculum Vitae

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Research Interests

Parallel Computing.

Education

2021–now **Ph.D. Computer Science**, *Stanford University*.

2017–2021 **B.S. Computer Science**, *Peking University*.

Publications

Conference

- FSE'22 Yinlin Deng*, Chenyuan Yang*, Anjiang Wei, Lingming Zhang. Fuzzing Deep-Learning Libraries via Automated Relational API Inference. *ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering*, 2022
- ISCA'22 Size Zheng, Renze Chen, Anjiang Wei, Yicheng Jin, Qin Han, Liqiang Lu, Bingyang Wu, Xiuhong Li, Shengen Yan, Yun Liang. AMOS: Enabling Automatic Mapping for Tensor Computations On Spatial Accelerators with Hardware Abstraction. *International Symposium on Computer Architecture*, 2022
- ICSE'22 Anjiang Wei, Yinlin Deng, Chenyuan Yang and Lingming Zhang. Free Lunch for Testing: Fuzzing Deep-Learning Libraries from Open Source. *International Conference on Software Engineering*, 2022
- ICSE'22 Anjiang Wei, Pu Yi, Zhengxi li, Tao Xie, Darko Marinov and Wing Lam. Preempting Flaky Tests via Non-Idempotent-Outcome Tests. *International Conference on Software Engineering*, 2022
- ICSE'21 Peilun Zhang, Yanjie Jiang, Anjiang Wei, Victoria Stodden, Darko Marinov, and August Shi. Domain-Specific Fixes for Flaky Tests with Wrong Assumptions on Underdetermined Specifications. *International Conference on Software Engineering*, 2021
- TACAS'21 Anjiang Wei, Pu Yi, Tao Xie, Darko Marinov, and Wing Lam. Probabilistic and Systematic Coverage of Consecutive Test-Method Pairs for Detecting Order-Dependent Flaky Tests. *International Conference on Tools and Algorithms for the Construction and Analysis of Systems*, 2021
- OOPSLA'20 Wing Lam, Stefan Winter, Anjiang Wei, Tao Xie, Darko Marinov, and Jonathan Bell. A Large-Scale Longitudinal Study of Flaky Tests. *ACM SIGPLAN International Conference on Object-Oriented Programming, Systems, Languages, and Applications*, 2020

Journal

- TPDS'21 Size Zheng, Renze Chen, Yicheng Jin, Anjiang Wei, Bingyang Wu, Xiuhong Li, Shengen Yan, Yun Liang. NeoFlow: A Flexible Framework for Enabling Efficient Compilation for High Performance DNN Training on GPU. *IEEE Transactions on Parallel and Distributed Systems*

Workshop

JPF'20 Pu Yi, Anjiang Wei, Wing Lam, Tao Xie, and Darko Marinov. Finding Polluter Tests Using Java PathFinder. *Java Pathfinder Online Day, ACM SIGSOFT Software Engineering Notes*

Service

Student Volunteer ASE 2020, ASP-DAC 2020

Presentations

Conference Talk Free Lunch for Testing: Fuzzing Deep-Learning Libraries from Open Source, ICSE 2022, Pittsburgh

Conference Talk Preempting Flaky Tests via Non-Idempotent-Outcome Tests, ICSE 2022, Pittsburgh

Conference Talk Domain-Specific Fixes for Flaky Tests with Wrong Assumptions on Underdetermined Specifications, ICSE 2021, Virtual Event

Conference Talk Probabilistic and Systematic Coverage of Consecutive Test-Method Pairs for Detecting Order-Dependent Flaky Tests, TACAS 2021, Virtual Event