Ze-Jia LIN 林泽佳

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🎓 Education

Sun Yat-sen University, Guangzhou, China   *2022 – 2027 (expected)*
Ph.D. student of Computer Science   Rank: 7 / 73

Northwestern Polytechnical University, Xi'an, China   *2018 – 2022*
Bachelor Degree of Software Engineering   Rank: 22 / 259

👥 Experiences

Teaching Assistant, Compiler Principles, Sun Yat-sen University   *2023.03 – 2023.07*

Teaching assistant of undergraduate course, implement a compiler for a subset of C language. Introduce LLVM framework in class and release programming homeworks.

Backend Develop Intern, Wechat Pay, Tencent   *2021.07 – 2021.09*

Build a Django-based Wechat robot to manage backend testing issues from develop team. Add features to access Tencent's TAPD project management system.

📖 Publications

KeSCo: Compiler-based Kernel Scheduling for Multi-task GPU Applications   *ICCD'23*

- **Zejia Lin**, Zewei Mo, Xuanteng Huang, Xianwei Zhang and Yutong Lu. "KeSCo: Compiler-based Kernel Scheduling for Multi-task GPU Applications." In Proceedings of the IEEE 41th International Conference on Computer Design (ICCD), 2023.
- Available online. `https://ieeexplore.ieee.org/document/10361015`

moTuner: A Compiler-based Auto-tuning Approach for Mixed-precision Operators   *CF'22*

- Zewei Mo, **Zejia Lin**, Xianwei Zhang, and Yutong Lu. "moTuner: a compiler-based auto-tuning approach for mixed-precision operators." In Proceedings of the 19th ACM International Conference on Computing Frontiers (CF), 2022.
- Available online. `https://dl.acm.org/doi/10.1145/3528416.3530231`

⚙ Skills

- English CET-6: 610 / 750
- Programming Languges: C/C++, CUDA, Python, Java

♡ Honors & Awards

Sun Yat-sen University *First Class Scholarship*	*Year 2022, 2023*
Tencent *First Class Scholarship*	*Year 2023*
Northwestern Polytechnical University *Distinguished Graduate*	*Year 2022*
Northwestern Polytechnical University *First Class Scholarship*	*Year 2019, 2020, 2021*
CCCC Wechat Mini Program Development *Second Price (Leader)*	*2022.08*