

# ZE-JIA LIN 林泽佳

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## 🎓 EDUCATION

**Sun Yat-sen University**, Guangzhou, China 2022 – 2025 (*expected*)

Master Student of Computer Science Rank: 7 / 73

**Northwestern Polytechnical University**, Xi'an, China 2018 – 2022

Bachelor Degree of Software Engineering Rank: 22 / 259

## 📖 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 41st International Conference on Computer Design (ICCD). 2023.

- Not published yet. To appear in conference proceedings.

**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), pp. 94-102. 2022.

- Available online <https://doi.org/10.1145/3528416.3530231>

## 👥 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.

## ⚙️ SKILLS

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

## ♡ HONORS & AWARDS

Sun Yat-sen University *First Price Scholarship* Year 2022, 2023

Tencent *First Price Scholarship* Year 2023

Northwestern Polytechnical University *Distinguished Graduate* Year 2022

Northwestern Polytechnical University *First Price Scholarship* Year 2019, 2020, 2021

CCCC Wechat Mini Program Development *Second Price (Leader)* 2022.08