

# Xiaoze Fan

 [jason-fxz](https://github.com/jason-fxz) |  <https://jasonfxz.top> |  [jasonfxz@sjtu.edu.cn](mailto:jasonfxz@sjtu.edu.cn)

## EDUCATION

---

**Shanghai Jiao Tong University**

2023.9 - 2027.6(expected)

B.S in computer science, **ACM Honors Class**

GPA: **3.89/4.3**

**Selected courses:**

- Principle and Practice of Computer Algorithms :**A+**, **100/100**
- Compiler Design and Implementation:**A+**, **98/100**
- Linear Algebra(Honor):**A+**, **95/100**
- Large Language Models:**A+**, **98/100**

## RESEARCH INTEREST

---

I'm mainly interested in **machine learning systems** and **large language models**.

## RESEARCH EXPERIENCE

---

**Shanghai Jiao Tong University**

Shanghai, China

*Research Intern in SJTU EPCC Lab, advised by Prof. [Quan Chen](#)*

Jun. 2025 – now

- **PD-Multiplexing**

- Developed a system that enables *in-place and phase-decoupled GPU sharing* by spatially multiplexing the prefill and decode phases within the same GPU, delivering stronger SLO guarantees and higher goodput for large-scale LLM serving.
- **Role:** primary code contributor; completed and upstreamed the implementation to the open-source [SGLang](#) community.

## PERSONAL PROJECTS

---

**Mx-Compiler** *Course Project of Compiler Design and Implementation*

[Link to Repo](#)

A compiler for Mx (a C-like educational programming language) to RISC-V backend  
Implement many optimizations on LLVM IR with performance similar to -O2.

**RISCV-CPU** *Course Project of Computer Architecture*

[Link to Repo](#)

A toy CPU written in Verilog, implementing Tomasulo's algorithm and supporting the RISC-V RV32I instruction set.

**mini-SGLang**

[Link to Repo](#)

A lightweight reimplementation of SGLang built from scratch, supporting key features such as CUDA Graph, Radix Attention, and Cache-Aware Scheduling, achieving performance comparable to the official SGLang runtime.

# AWARDS AND HONORS

---

2025 Excellent Teaching Assistant (10 % TAs)  
2023, 2024 Zhiyuan Honors Scholarship (2 % in SJTU)  
2023 ICPC Asia Hefei Regional Contest Gold Medal  
2023 ICPC Asia Hangzhou Regional Contest Gold Medal

# TEACHING EXPERIENCE

---

Programming, Head Teaching Assistant	2024 Fall
Data Structure, Head Teaching Assistant	2025 Spring
Principle and Practice of Computer Algorithms, Teaching Assistant	2025 Summer

# SKILLS

---

Programming	C++, Python, Go, Java, Verilog
Tools	Git, Makefile, Docker, Markdown, L <sup>A</sup> T <sub>E</sub> X
Languages	Chinese(Native speaker), English(Fluent)