

Xiaoze Fan

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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 reimplement 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 ^A T _E X
Languages	Chinese(Native speaker), English(Fluent)