

Chaoyi Huang

SHANGHAI JIAO TONG UNIVERSITY

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EDUCATION

Shanghai Jiao Tong University

B.S. in Computer Science, ACM Honor Class

Selected courses: Principle and Practice of Computer Algorithms(97/100), Mathematical Logic(92/100), Introduction to Computer Systems(98/100).

Shanghai, China

Aug. 2023 - Present

INTERESTS

Robotic, Computer Vision

EXPERIENCE

Teaching Assistant

Great Ideas in Computer Science(CS1950), 2024 fall

PROJECTS

RAY TRACER

[Link to Github](#)

A path tracing based ray tracing renderer written in Rust.

Features:

- Multitask
- Support for .obj File
- Edge Detection

RISC-V CPU

[Link to Github](#)

A Tomasulo RISC-V CPU with iCache and branch predictor. The architecture design can be successfully implemented on FPGA board.

PUBLICATIONS

AWARDS AND HONORS

Zhiyuan Honors Scholarship

Awarded to top 5% students in SJTU annually.

Zhiyuan College of SJTU, 2023, 2024

SKILLS

Programming C++, Java, Rust, Python, Verilog

Languages Chinese(Native speaker), English(CET6:586/750)