

# CHENLU MIAO

<https://miaochenlu.github.io> ♦ [clmiao@zju.edu.cn](mailto:clmiao@zju.edu.cn)

## EDUCATION

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### Zhejiang University

*September 2021 - 2024 (expected)*

Master of Engineering, Computer Science and Technology.

### Zhejiang University

*August 2017 - June 2021*

Bachelor of Engineering, Computer Science and Technology.

- Member of Pursuit Science Class (Computer Science), Chu Kochen Honors College
- Overall GPA: 3.97/4, 4.59/5, 91.4/100

RESEARCH INTERESTS: Computer Architecture and Hardware Security.

## PUBLICATIONS

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### unXpec: Breaking Undo-based Safe Speculation

Mengming Li, **Chenlu Miao**, Yilong Yang, and Kai Bu

The 28th IEEE International Symposium on High-Performance Computer Architecture (HPCA), 2022

## INTERN EXPERIENCE

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### Alibaba Group

*June 2021 - Present*

Software Engineer in Intelligent Information Business Group (Quark).

## PROJECTS

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### Pascal Compiler [codes](#)

A Pascal Compiler written in C++ with LLVM

### Mini-Minecraft [codes](#)

The project was about implementing a Minecraft demo in C++ and OpenGL; In order to generate infinite, random map, Perlin noise was used. SQLite was used to record the changes of each map trunk.

### Tank Battle [codes](#)

The project was about implementing a Tank Battle game in Verilog on FPGA board.

## TECHNICAL STRENGTHS

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- **Programming Languages:** C/C++ >> Python
- **Tools:** Git, Docker, Gem5