



Molin Wu

University of Chinese Academy of Sciences

+86-18810872692

wumolin22@mails.ucas.ac.cn

molinwu.github.io

EDUCATION

University of Chinese Academy of Sciences

B.S. in Computer Science and Technology.

– GPA: 3.93/4.0, Rank 3rd

– Specialized Courses: *Computer Architecture*, *Stanford CS224n: Natural Language Processing* (self-learning).

Sep. 2022 - Present

Beijing, China

RESEARCH EXPERIENCE

Operating System Lab

Student Intern, advised by Prof. Yungang Bao, Prof. Dejun Jiang

– **Research Areas:** Operating System

– Use C and RISC-V assembly language to design an operating system to run programs (e.g. 2048) that support process scheduling, multicore scheduling, etc.

– Use C to write a file system that support file storage, multi-layer directories and basic commands (e.g. ls, cd, mkdir, rm, touch, etc).

Sep. 2024 - Jan. 2025

Beijing, China

Experiments of Computer Architecture

Student Intern, advised by Prof. Weiwu Hu, Prof. Wenxiang Wang

– **Research Areas:** Computer Architecture

– Use hardware description language (e.g. Verilog HDL) and FPGA to implement 5-level pipelined CPU cores based on MIPS, RISC-V, LoongArch instruction set that support basic instructions (e.g. arithmetic instructions, load and store instructions, etc)

– Implement instruction cache, data cache, tlb, exception-handling module to improve performance

Feb. 2024 - Jan. 2025

Beijing, China

Institute of Computing Technology, Chinese Academy of Sciences

Student Intern, advised by Prof. Fei Sun

– **Research Areas:** Model editing

– Research on how continuous editing affect side memory of LLMs, conducting experiments for editing performance

– Explore perturbation-restricted model editing and improve its robustness

Sep. 2024 - Present

Beijing, China

TEACHING EXPERIENCE

Peer Assistant:

University of Chinese Academy of Sciences

Jan. 2023 - Present

Teaching Assistant: Computer Organization Lab

University of Chinese Academy of Sciences, Instructor: Prof. Ke Zhang

Jan. 2025 - Present

HONORS AND AWARDS

First Class Academic Scholarship (Top 5%) University of Chinese Academy of Sciences

2022, 2023

Outstanding Student Cadre University of Chinese Academy of Sciences

2023, 2024

Merit Student University of Chinese Academy of Sciences

2022, 2023, 2024

TECHNICAL SKILLS AND INTERESTS

Programming Languages: C/C++, Python, Verilog, HTML/CSS, Javascript

Tools and Technologies: Git, Linux tools, vim, tmux, etc.

Frameworks: PyTorch

Language: Chinese (native), English (conversational)

Areas of Interest: Chess, Designing

updated on February 5, 2025