

XUN WANG

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🎓 EDUCATION

Nanjing University

Sept. 2020 – Now

B.S. in Computer Science and Technology (Elite Program)

🌟 SCHOLARSHIPS AND HONORS

National Scholarship (1.9%)

Dec. 2022

Provincial Merit Student, Jiangsu Province (32 undergraduates school-wide)

May. 2023

Huawei Intelligent Base Scholarship (30 recipients school-wide)

Dec. 2021

Excellent Student Leader Model, Nanjing University, 2020-2021

Oct. 2022

📖 PUBLICATIONS

SDV: Simple Double Validation Model-based Offline Reinforcement Learning

2023

Xun Wang, Haonan Chen, Junming Yang, Zhuzhong Qian and Bolei Zhang.

- Accepted by 26th European Conference on Artificial Intelligence ECAI 2023.

👥 EXPERIENCE

Research on Model-based Offline Reinforcement Learning

Jul. 2022 – Now

Undergraduate Innovation Training Program Leader

- Reviewed and summarized multiple papers on model-based offline reinforcement learning.
- Designed algorithm and conducted experiments using PyTorch, achieving results close to or at SOTA performance. Currently the research paper (**as the first author**) is accepted by ECAI 2023(CCF-B).

One Student One Chip, ICT, CAS

Feb. 2022 – Nov. 2022

Season 4 Student

- Involved in **the first batch** of chip tape-outs (**13** / 1700+, with only **4** students joining as sophomores).
- Designed and implemented a five-stage pipelined RISC-V64 processor using Verilog.
- Set up Verilator simulation environment and differential test environment.

Course Projects

- **Built a simple but complete computer system:** RV32 emulator NEMU, lightweight operating system Nanos-lite, and a multimedia library mini-SDL used to support applications such as *Legend of Sword and Fairy*.
- **Designed a small operating system** based on Abstract Machine API, which supports physical memory management, kernel thread management, system calls such as fork, wait, mmap, and user-mode processes.

🏆 PRIZES

Second prize in the team competition (6th place out of 146 teams), in Longxin Cup National

Student Computer System Capability Challenge

Aug. 2022

First Prize, in NOIP 2017

Nov. 2017