

JiwenJiang / 姜纪文

Curriculum Vitae

Xianlin, Nanjing

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Research Interests: Reinforcement Learning, Machine Learning, LLM.

Education

2023 - **Institute of Automation, Chinese Academy of Sciences.**

Beijing, CN M.Sc. in Artificial Intelligence.

2019 - 2023 **Nanjing University.**

Nanjing, CN B.Eng. in Geoengineering. GPA: 4.38/5. Top10%.

Thesis Topic: Multi-objective detection and instance segmentation of shield tunnel diseases based on deep learning.

Supervisor: Assoc. Prof. Wei Zhang.

Honors & Awards

○ **People's Scholarship.**

○ **Vastine Scholarship.**

○ **China Student Computer Design Competition Jiangsu Provincial Competition. [First Prize]**

N-Market: Campus second-hand book information platform with chatGPT & prompt engineering.

○ **Astar Baidu Programming Competition. [Top 3%]**

○ **China Collegiate Algorithm Design & Programming Challenge Contest. [Merit Award]**

○ **Asia and Pacific Mathematical Contest in Modeling [Merit Award]**

○ **“DingTalk Cup” Big Data Challenge for College Students. [Merit Award]**

○ **National Student Mathematics Competition Web Challenge. [Merit Award]**

Research Experiences

- Oct 2022 - **CASIA**, *Research Intern*.
Jan 2023 Oil refinery scheduling with reinforcement learning.
Sept 2021 - **Nanjing University**, *University Student Innovation Training Program Project*.
Sept 2022 Sandy soil discrete element analysis (National level).

Course Projects

- **OS**
Tiny operating system
- **Computer Network:**
Tiny router
- **ICS**
NEMU: x86 emulator
- **Introduction to Big Data and Python Implementation Course**
Recommendation algorithm implementation: Collaborative filtering.

Skills

- **C++**
makefile, template, virtual function.
- **Python**
sklearn, numpy, matplotlib, pandas, pytorch, yolov5
- **Java**
spring boot, sa-token, mybatis-plus, mysql.
- **Vue**
vuex, element-plus, axios.

Languages

- **English:** CET-4: 592. CET-6: 562.

Student Work & Social Practice

- **Depty secretary of Student Youth League branch**
- **Hometown 's talent attraction ambassador**