

# Xinhai Wang

<https://626619403.github.io/>

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## EDUCATION

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### • Xi'an Jiaotong University

Xi'an, China

• Bachelor of Computer Science; GPA: 3.5

Sep. 2020 – Jul. 2024

## EXPERIENCE

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### • High School

Before 2020

- **Oct. 2017:** Registered for the school's information science contest team. Learned algorithm and C++.
- **Nov. 2018:** Won NOIP provincial second prize.

### • First Year

Sep. 2020 – Jul. 2021

- **Sep. 2020:** Accepted by Xi'an Jiaotong University. Applied to join the school robot team.
- **Oct. 2020:** Entered the CV Group. Exposed to machine learning and CV. Learned Python.
- **Nov. 2020-Jan. 2021:** Passed the tests. Learned basic image processing methods and how to use basic functions in OpenCV.
- **Feb. 2021:** Responsible for the visual part of engineering robots. Started to learn OpenMV.
- **Mar. 2021:** Due to the incomplete mechanical part of the robot, the main task became to assist the mechanical team in completing the robot.
- **Apr. 2021:** In addition to the above work, assisted the electrical control team in completing wiring and other tasks.
- **May. 2021:** Won second prize in the Northwest Division in the RoboMaster University Series(National College Robot Competition) as a member of the XJTU team.

### • Second Year

Sep. 2021 – Aug. 2022

- **Jul. 2022 – Aug. 2022:** Prepared for the Contemporary Undergraduate Mathematical Contest in Modeling (China) with two teammates.

### • Third Year

Sep. 2022 – Aug. 2023

- **Sep. 2022:** Won provincial second prize in mathematical modeling contest with teammates. Responsible for programming. Start self-learning machine learning.
- **Dec. 2022:** Start learning Windows kernel drivers with a mentor.
- **Mar. 2023:** Won the H Prize in mathematical contest in modeling with teammates. Responsible for programming.
- **May. 2023:** Scored 92 on the TOEFL exam.
- **June. 2023:** Built a BBS with classmates.
- **July. 2023:** Served as a RA in the group of Wang Di, an assistant professor of KAUST. Responsible for building the code part of the paper. The paper investigates how to increase the stability of attention mechanisms.

### • Fourth Year

Sep. 2023 – Now

- **Sep. 2023:** Completed the paper. This paper is being submitted to TKDE. I'm third co-first author.
- **Now:** Assist another student in the group in completing his paper. Writing my second paper, which is about LLM Reasoning.

## PROGRAMMING SKILLS

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• **Languages:** Python, C++, MATLAB, java, html

• **Knows a little:** Windows Kernel Programming, Machine learning, CV

## OTHER INFORMATION

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• **Interests:** AI, SE, Psychology&Biology&Philosophy

• **Ideal:** Make autonomous strong artificial intelligence.

• **Merits:** Good self-learning ability, usually will not disturb the mentor too much.  
Extrovert, easygoing and humorous.

• **Demerits:** Less scientific research experience.  
No publications.