

# Zefang Huang

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## Education

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**Nanjing University**

Sep. 2021 – June. 2025

Candidate for B.S. in Computer Science and Technology(National Elite Program) Nanjing, China

Overall GPA: 4.42/5.0.

Relevant Course: Linear Algebra (Band One), Introduction to Computer Systems, Problem Solving (I, II, III), Calculus I, II (Band One), Digital Logic and Computer Organization

## Research Interests

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My research interest is Reinforcement Learning.

## Research experience

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**LAMDA Group, Nanjing University**

SEP. 2022 - NOW

Undergraduate researcher at Learning And Mining from Data(LAMDA)

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Supervised by Prof. Yang Yu and Prof. Zongzhang Zhang

- Researching reinforcement learning, especially the optimization of Replay buffer.

## Project experience

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**Game - Bubble and Bubble**

MAR. 2022 - JUNE 2022

Implemented a game named Bubble and Bubble.

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- The game is implemented using C++, based on QT.

- It can be played in the QT editor, it obtained praise from the teaching assistant of Problem Solving and got full score.

- I implemented it by myself, through this project, I deepened my understanding of C++, became more proficient in using C++, and learned how to organize and complete a small project.

- <https://github.com/HzfFrank/Game-Bubble-and-Bubble>

**App - Todolist**

APR. 2022 - MAY 2022

Implemented an application named Todolist.

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- The application is implemented using dart, base on Android Studio.

- It contains multiple functions like reminding the schedule, counting the amount of expenditure and classifying it etc.

- The project is implemented by four people and I joined as a participant. I did the reminding the schedule part. I experienced a new language dart through this project and I learned how to complete a program with others.

## Honor and Awards

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Second Prize for Nanjing University Programming Contest(2022)

Nanjing University People's Scholarship(2022)

Nanjing University Excellent Award for Special scholarship for basic disciplines(2022)

Outstanding Communist Youth League cadre of Nanjing University(2023)

Outstanding Communist Youth League cadre of College of First-Year Students, Nanjing University(2022)

Outstanding class cadre of College of First-Year Students, Nanjing University(2022)

Third Prize for Chinese Mathematical Olympiad(2020)

First Prize for National High School Mathematics Joint Competition(the third place in the province)(2020)

## SKILLS

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Programming: C/C++, Python

Deep Learning: Pytorch