

## Information

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Name	: Ding Yang	Age	: 21 years old
Gender	: Male	Location	: Beijing, China
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## Education

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**Sept 2019 - Aug 2023**  
**Tsinghua University** **Automation (Bachelor)**

**Main Courses:** Computer Language and Programming, C++ Programming and Training, Data Structures, Digital Electronics, Principle of Computer, Computer Networks, Foundation of Artificial Intelligence.

## Project experience

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**Sept 2021 - Jan 2022**  
**Bin Packing Problem with Reinforce Learning** **Intern**

- An ongoing RL & Robotic laboratory program
- Constructing a packing simulation environment in Python
- Designing reinforcement learning algorithm for bin packing problem

**Aug 2021 - Aug 2021**  
**Byte Camp 2021 - Audio & Video Group** **Camper**

- A summer camp hosted by Bytedance Inc.
- Participated in the project "Performance Prediction of AI Algorithms on Mobile Devices"
- Evaluated the performance of AI models on different mobile devices at the level of operators without running them

**Jan 2021 - Mar 2021**  
**The 4th Tsinghua University AI Competition** **Organizer**

- A game about tower defense and control of corps, played by AI programs created by participants
- Wrote part of the game platform in Unity as the organizer

**Aug 2020 - Oct 2020**  
**The 22th Electric Design Competition** **Organizer**

- One of the most important electronic competition in Tsinghua University
- Participated in the programming of the upper computer in C# language as the organizer

## Campus experience

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**Feb 2020 - Jul 2021**  
**Science and Technology Association of Automation Department** **Member**

- Participated in organizing different science and technology competitions

## Skills

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- Experienced in Python, C++, C
- Familiar with Linux and Git

## Honors & Awards

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- First Prize of NOIP 2017 (National Olympiad in Informatics in Provinces)
- Outstanding League Member of Tsinghua University in 2021