

# Yang Cai

Ningbo, China

Email: [seewhysimon@mail.nwpu.edu.cn](mailto:seewhysimon@mail.nwpu.edu.cn)

Phone: +86-188-5741-9883

GitHub: <https://github.com/SeeWhysimon>

## Education

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- **Northwestern Polytechnical University, Xi'an, Chian** *Sept. 2022 – Present*  
*Bachelor, Information Engineering*  
GPA: 3.65/4.1, 88.72/100  
Relevant Courses: Course 1, Course 2, Course 3, Course 4

## Research Experience

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- **Research Assistant, National-Level Project on Hybrid Engine Design** *April 2024 – Present*  
*Northwestern Polytechnical University, Xi'an, China*
  - Designed and implemented an algorithm based on automatic control principles and machine learning, enabling the engine to autonomously adjust its speed.
  - Deployed the algorithm onto hardware, facilitating long-distance travel by leveraging hybrid power from both fuel and electricity.
  - Supervised by Professor Yongqiang Shi, this project is part of a national-level research initiative.

## Internship Experience

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- **Position, Company/Institution Name, Location** *Month Year – Month Year*
  - Brief description of your responsibilities and achievements.
  - Another significant achievement or task.
- **Position, Company/Institution Name, Location** *Month Year – Month Year*
  - Brief description of your responsibilities and achievements.
  - Another significant achievement or task.

## Competition Experience

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- **Competition Name** *Month Year*  
*Award or Position*  
Brief description of the competition and your achievements.
- **Competition Name** *Month Year*  
*Award or Position*  
Brief description of the competition and your achievements.

## Honors & Awards

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- **Award Name, Institution or Organization** *Month Year*  
Brief description or significance of the award.
- **Award Name, Institution or Organization** *Month Year*  
Brief description or significance of the award.

## Skills

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- **Programming Languages:** List of languages
- **Tools & Technologies:** List of tools and technologies

## Languages

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- **Language 1:** Proficiency level
- **Language 2:** Proficiency level

## Additional Information

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- **Hobbies:** List of hobbies or interests
- Any other relevant information.