Name： Gao Shulin　　　　　　**Tel：** 17634478764

Gander： Male　　　　　　　　**Mail：** 202018526@stu.ncwu.edu.cn

Age： 22　　　　　　　　　　　**Webpage**： https://gosling123456.github.io

● Education

North China University of Water Resources and Electric Power　　　**Major：Artificial Intelligence**　　2020.09 – present

GPA: 4.0 / 5　　　　　　　　　　**Crouse：** Machine Learning、Deep Learning、NLP、CV、Knowledge Graph

CET-6：437　　　　　　　　　　**Position：** Research Assistant、Study Committee、Student Council President

● Projects

Intelligent monitoring Car　　　　**Project　Leader**　　　　2022.06 – 2023.06

　　We developed an intelligent robot, "Bright Eye Genie," for safe supervision and companionship of young children. The robot uses sensors, cameras, and speakers to detect obstacles, capture images, make decisions, interact through voice, navigate autonomously, and alert guardians of dangerous situations. It won first prize in the 2023 China College Students Computer Design Competition in Henan Province.

SafeDrive Alert System　　　　　**Project　Developer**　　　　2021.06 – 2022.06

　　We developed a robust driving behavior monitoring and alert system that utilizes a Raspberry Pi and Huawei's ME909S-821 4G transmission module. The system uses fatigue and behavior detection algorithms, along with computer vision technology, to monitor and alert drivers in real-time. Data analysis and visualization can be accessed through a PC terminal and WeChat mini-program. The project won a national second prize in the 2022 China College Students Computer Design Competition.

● Exprience

Beijing Hezhong Weiqi Technology Co.　　**Algorithm Engineer of CV**　　　2023.06 – present

　　Responsible for designing and integrating OCR models, improving speed and accuracy. Utilizes adaptive image cropping and statistical methods to enhance text recognition. Implements model parallel processing to address limitations of existing OCR techniques. Expected to be used by 1 billion people in 27 provinces.

Yangdian Kindergarten　　　　　　**Teacher**　　　　2023.01 – 2023.03

　　I teach Python basics, file processing, and office automation, helping students establish a strong foundation. This allows me to handle diverse Python programming tasks and provide top-notch automation solutions in practical work settings.

● Prize & Awards

- **Second** prize in CAAIROBOT national competition（Developer）　　　　　　　　　　　　2023.07
- **First** prize in 16th Challenge Cup Provincial competition in Henan Province（Leader）　　　2023.07
- **Second** prize in 16th Challenge Cup Provincial competition in Henan Province（Developer）　2023.07
- **First** prize in CAAIROBOT Provincial competition（Developer）　　　　　　　　　　　　2023.06
- **Second** prize in CAAIROBOT Provincial competition（Leader）　　　　　　　　　　　　2023.06
- **First** prize in N4C Provincial competition（Leader）　　　　　　　　　　　　　　　　2023.05
- **First** prize in N4C Provincial competition（Developer）　　　　　　　　　　　　　　　2023.05
- **Second** prize in　Blue Bridge Cup National Software and Information Technology Professionals　2023.05
  Competition in Henan Province (Personal)
- **Third** prize in Group Programming Ladder Tournament in Henan Province (Personal)　　　　2023.05
- North China University of Water Resources and Electric Power Self-improvement Grant　　　2023.05
- National Encouragement Scholarship　　　　　　　　　　　　　　　　　　　　　　　2022.12
- Computer Software Copyright　　　　　　　　　　　　　　　　　　　　　　　　　　2022.12

● Skills

- Master the use of **PyCharm** and the setting and use of **remote servers**.
- Master **OS**, **computer networks**, **concurrent threads**, and **data transmission protocols**.
- Master the **python** language, **OpenCV**, **Torch** framework, **Flask** framework, and **matplotlib.**