Jiang Shijian

21 years old | Male | NanChang
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Education

Aug 2018 - Jun 2022
SouthEast University   **Automation (Bachelor)**

GPA: 4.1/4.8 (Top 3%)
Major Course: C++, Principle of Automatic Control, Digital logic circuit, Digital image processing, Machine vision

Honors & Awards

- **National Scholarship**   2020/12
- **Model Student of Academic Records of SouthEast University**   2020/12
- **RoboCup in Jiangsu, Second prize**   2020/11
- **Advanced Mathematics in Jiangsu, Second prize**   2019/6

Project experience

Oct 2019 - Apr 2021
3D reconstruction project of animals

Introduce: We based on the idea of template matching to estimate the shape and pose parameters of animals using their key-points and silhouette information, acting on the standard animal 3D model SMAL to get its reconstruction results.
Duties:

1. Use DeepLabCut to train the key-points prediction network.
2. Modify the SMAL model parameters to get reconstruction result.

Aug 2020 - Jul 2021
SmartCar Competition

Introduce: We use MCU(RT1064) to complete the classification task by quantifying the CNN model. Moreover, we use some digital image processing methods to do car tracking tasks.
Duties:

1. Use CMOS to collect track information and do the tracking tasks.
2. Train and quantify the CNN model to classify the numbers and fruits.

Skills

CET6:529   CET4:573
Coding Skill: Use C++, Pyhon to programming. Use Pytorch to build a deep learning model and apply it.

Self-evaluation

I am good at finding problems and solving problems. Moreover, I am diligent and eager to learn, practical and willing to work and I like to meet new challenges.