王涵

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https://dynmi.github.io

Research Interests

(Deep)Reinforcement Learning,   (Machine Learning)Computer Vison

Education

- **SiChuan University**   ChengDu

  Bachelor of Science in Computer Science   *Sep. 2018 - June. 2022*

  – Currently at third year of Bechelor's degree

Skills

Languages: C/C++, python, Linux Shell

Operating Systems: Linux(especially experienced), Windows10

Tools: Git, CUDA, LaTeX, Tensorflow2, Pytorch

English level: CET4 549 points

Mathematics: NEMT Math Mark 148 (full mark 150)

Competition Experience

- **Kaggle : Flower Classification with TPUs**   Final rank top8%

  Use TPUs to classify 104 types of flowers, hosted by Google Cloud   *Feb. 2020 - Apr. 2020*

- **2020 Chinese Undergraduate Mathematical Contest in Modeling**   National Second Prize

  Problem B   *Sep. 2020*

Open Source Contributions

Personal Tech Blog https://www.cnblogs.com/dynmi

Tensorflow Active contributor to Tensorflow. See details here:

   https://github.com/tensorflow/tensorflow/pulls?q=author%3ADynmi+

Pytorch Volunteer to Pytorch official ch-version documention

Project Experience

- **Implemention of AlexNet**

  https://github.com/Dynmi/AlexNet   *Sep. 2020 - Nov. 2020*

  – Implemention of AlexNet, using C Program Language Without Any 3rd Library, according to the
    paper "ImageNet Classification with Deep Convolutional Neural Networks" by Alex Krizhevsky,et al.

- **RedBase** Ongoing

  https://github.com/Dynmi/RedBase *Dec. 2020 - Jan. 2021*
    - RedBase is a complete single-user relational database management system. I'm still working on it as the final project for Stanford CS346.

- **N-Body Gravity Simulation**

  https://github.com/Dynmi/N-Body-Gravity-Simulation *Jun. 2020 - Jun. 2020*
    - Project finished with C Program Language as the final project for MIT6.S096 "Effective Programming in C and C++".

- **Captcha Recognition**

  https://github.com/Dynmi/Captcha_Recognition *Aug. 2020 - Aug. 2020*
    - A fast and easy way to recognize captcha image, the cnn-model only has 5 layers, with an accuracy of 90%.

- **Lian-Lian-Kan Game**

  https://github.com/L-W-X-X/Superior_LianLianKan *Apr. 2020 - May. 2020*
    - This is the final project of our C++ course in SiChuan University. We used QT5 to implement this simple game.

College Experience

- **Yoga Association of SiChuan University**

  President *Apr. 2019 - Jul. 2020*

- **Dance Association of SiChuan University**

  Major Organizer *Oct. 2018 - Jun. 2019*

Hobbies

Writing technology blogs,   Breaking-move Dance,   Chinese History Studies,   Buddhist Studies

Others

- Get latest version of my resume here