

王涵

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<https://github.com/Dynmi>

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 Beachelor'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 College Student Software Design Competition** National Second Prize
See our work here: <https://github.com/SCUCnSoftBei2020/SmartTraffic> *Aug. 2020 - Sep. 2020*
– Our Topic is "Traffic-Scene Application based on Computer Vision with Machine Learning Approches".
- 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 documentation

Project Experience

- **Implementation of AlexNet** *Sep. 2020 - Nov. 2020*
<https://github.com/Dynmi/AlexNet>
 – Implementation 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** *Jun. 2020 - Jun. 2020*
<https://github.com/Dynmi/N-Body-Gravity-Simulation>
 – Project finished with C Program Language as the final project for MIT6.S096 "Effective Programming in C and C++".
- **Captcha Recognition** *Aug. 2020 - Aug. 2020*
https://github.com/Dynmi/Captcha_Recognition
 – 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** *Apr. 2020 - May. 2020*
https://github.com/L-W-X-X/Superior_LianLianKan
 – 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](#)