

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 Bachelor'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 documentation

## Project Experience

- Implementation of AlexNet**  
<https://github.com/Dynmi/AlexNet> *Sep. 2020 - Nov. 2020*  
– 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.

- **WSQL**  
<https://github.com/Dynmi/WSQL> *Jan. 2021 - Mar. 2021*  
 – WSQL is a complete single-user relational database management system.
- **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](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%.

## 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

- Updated on 3rd March, 2021. Get latest version of my resume [here](#)