

Feiran Li

<https://ferry-li.github.io>

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Address: 1 University Road, Xuzhou, Jiangsu, China

Education

Sept. 2019 - Jun. 2023 *Undergraduate* in Department of Computer Science and Technology,
China University of Mining and Technology, China

Profession skills

- **Academic records:** Rank 2/133 (TOP 1.5%), GPA 4.35/5.00
- **English:** CET-6 618, Speaking level: A
- **Programming:** Python, C++, Matlab
- **Deep Learning Framework:** PyTorch
- **Core courses:**

Advanced Math (92.25 on average)	Linear Algebra (100)
Probability & Statistics (94)	Discrete Math (98)
Operating System (98)	Computer Network (97)
Algorithms (93)	Principles of Computer Organization (97)

Selected Honors

Scholarships

- National Scholarship 2021
- HUAWEI Intelligence Base Scholarship 2021
- National Scholarship 2020

Awards

- Mathematical Modeling Contest of Huashu Cup, Second Prize 2021.08
- National English Competition, Second Prize 2020.12
- Programming Contest of CUMT, First Prize 2020.06
- English Reading Competition of CUMT, First Prize 2020.10
- English Writing Competition of CUMT, Second Prize 2020.09

Experiences

Nov. 2021 - Present	<p>(a) Devoted to researches on micro-expression recognition. Motivations & works: To further explore the relevance of subtle changes of facial muscle movements, we combine the Action Unit Detection and micro-expression Recognition, with an adversarial identity recognition module to get insensitive to ID information. We achieved excellent performance on CASME II and SAMM, and the paper is under submission.</p> <p>(b) Participate in researches on optical flow estimation. Joint Facial Action Unit Recognition and Self-Supervised Optical Flow Estimation. We use RAFT to make Optical Flow Estimation, and the result is fed to Facial Action Unit Recognition module to generate the probability map.</p>
Jul. 2021 - Aug. 2021	<p>Experiments on menu recognition (DIGIX Algorithm Contest Channel (5) Works: Make data augmentation and use end-to-end and two-stage (detection and recognition) models from Github.</p>
Oct. 2020 - Nov. 2020	<p>Cooperation project on clustering with other schools Works: Implement SOM completely by Matlab, and make its visualization.</p>

Self-assessment

- highly self-motivated
- patient and devoted
- positive and optimistic

Interests

- violin
- basketball