

Fengyuan Yang

Curriculum Vitae

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Research Interests

My research interests lie in the field of Computer Vision. My main focus is on how to use semantic knowledge in Few-Shot Learning. I am also interested in Robotics.

Education

- 09.2019 - 06.2022 **Master of Computer Science**, *Institute of Computing Technology (ICT), University of Chinese Academy of Sciences (UCAS)*, Beijing, China.
GPA: 3.92/4.00. Advisor: Prof. Xilin Chen and Prof. Ruiping Wang
- 02.2018 - 07.2018 **Student Exchange Program of Computer Science**, *École Polytechnique Fédérale de Lausanne (EPFL)*, Lausanne, Switzerland.
GPA: 5.71/6.00.
- 09.2015 - 07.2019 **Bachelor of Engineering in Computer Science and Technology**, *University of Chinese Academy of Sciences (UCAS)*, Beijing, China.
GPA: 3.89/4.00.

Projects

- 06.2020 - Present **Robot Visual Exploration Project**, *VIPL research group*.
The designer&maintainer of customized LoCoBot communication framework (using ROS).
- 10.2019 - Present **Visual Knowledge Base Project**, *VIPL research group*.
One primary rule-maker of annotation and collection (from text to knowledge graph).
- 10.2018 - 10.2019 **Online Learning Collaborative Project**, *VIPL research group & Huawei Co., Ltd.*
The key contributor for few-shot learning module (using the semantic to guide the visual).

Publications

- WACV 2022 **Fengyuan Yang**, Ruiping Wang, Xilin Chen: **SEGA: Semantic Guided Attention on Visual Prototype for Few-Shot Learning**.

Honors and Awards

- 06.2020 **CVPR2020 CLVision Workshop Challenge**, *1st place, Winner of "NI" Track*.
- 07.2019 **Outstanding Undergraduate Award**, *University of Chinese Academy of Sciences*.
- 07.2019 **Outstanding Undergraduate Award**, *Beijing Municipal Education Commission*.
- 09.2018 **National Student Computer System Capability Challenge**, *1st place*.
- 12.2017 **The ACM-ICPC Asia Regional Contest EC-Final 2017**, *Bronze Medal*.
- 10.2017 **The ACM-ICPC Asia Regional Contest Xi'an Site 2017**, *Bronze Medal*.
- 10.2016 **The China Collegiate Programming Contest Hefei Site 2016**, *Bronze Medal*.