

ZHANYUAN YANG

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EDUCATION

Shenzhen University	Shenzhen, China
College of Computer Science and Software Engineering (<i>CSRankings 2016-2022 159th; 17th in China</i>)	
<i>M.E.</i> — GPA 3.32/4.00	2019 – 2022
Guangdong University of Foreign Studies	Guangzhou, China
School of Information Science and Technology	
<i>B.E.</i> — GPA 3.28/4.00	2014 – 2018

EXPERIENCE

Shenzhen University	Shenzhen, China
Research Assistant, Research Institute for Future Media Computing	July. 2022 – Present
Research Topics:	
– Few-shot image classification via both <i>multi-view contrastive learning</i> and <i>feature normalization</i> .	
– Fine-grained image retrieval via <i>relation-based convolutional descriptor aggregation</i> .	

PUBLICATIONS

- **Zhanyuan Yang**, Jinghua Wang and Yingying Zhu*. Few-Shot Classification with Contrastive Learning. *European Conference on Computer Vision (ECCV)*, 2022. ([Top Conference in Computer Vision](#)) [[link](#)]
Highlight: Integrate constrastive learning in both stages of few-shot image classification for the first time.
- Xiaoyan Huang, Bin Sun, **Zhanyuan Yang**, Yingying Zhu* and Qi Tian. Locality-sensitive hashing approach based on semantic space for visual retrieval. *Journal of Image and Graphics*, 2021. [[link](#)]
Highlight: One new weighted semantic locality-sensitive hashing method for visual retrieval.
- Gang Cao, **Zhanyuan Yang**, Xiufan Lu and Yingying Zhu*. Learning Relation-based Features for Fine-grained Image Retrieval. *Pattern Recognition*, under review.
Highlight: A fine-grained image retrieval framework free from object-level annotations.

HONORS AND AWARDS

The Second Prize of Postgraduate Academic Scholarship, Shenzhen University	2021 - 2022
The Second Prize of Postgraduate Academic Scholarship, Shenzhen University	2020 - 2021
The First Prize of Postgraduate Academic Scholarship, Shenzhen University	2019 - 2020

SKILLS

Python, PyTorch, C++, Linux.

MISCELLANEOUS

Languages:

Mandarin - Native speaker

English - CET4 and CET6; IELTS preparation in progress

Hobbies: Football and running