Jiazhou Zhou

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Guangzhou, China
Personal Website: https://jiazhou-garland.github.io/
Currently Research Assistant, HKUST(GZ)

EDUCATION

University of Electronic Science and Technology of China (UESTC)	2020.09 - 2023.06

Optical Engineering | GPA: 3.82 / 4.00 | Master

University of Electronic Science and Technology of China (UESTC)	2016.09 - 2020.09

Electronics Science and Technology | GPA：3.82 / 4.00 (**Postgraduate Recommendation**) | Bachelor

Karlsruhe University of Applied Sciences	2018.02 - 2018.07

Electronic Engineering | Exchange Student | 2 Candidates for **CSC sponsored**

PAPERS & PATENTS

- **J. Zhou** et al. "ExACT: Language-guided Conceptual Reasoning and Uncertainty Estimation for Event-based Action Recognition and More." The IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2024. | [[Page](#)]
- Y. Lyu, X. Zheng, **J. Zhou** *et al.* "UniBind: LLM-Augmented Unified and Balanced Representation Space to Bind Them All." The IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2024. | [[Page](#)]
- **J. Zhou** et al. "EventBind: Learning a Unified Representation to Bind Them All for Event-based Open-world Understanding." (Under review). | [[Page](#)]
- **J. Zhou (Co-first Author),** P. Zhang *et al.* "The edge segmentation of grains in thin-section petrographic images utilising extinction consistency perception network." Complex & Intelligent Systems. | [[Pdf](#)]
- **J. Zhou** *et al*, "Multi-level Efficient Perception Network for Grain's Edge Detection of Cross-polarized Petrographic Images", 2022 4th Asia Pacific Information Technology Conference. 2022. | [[Pdf](#)]
- A Saliency Detection Method for Stereoscopic Video based on Multi-dimensional Information Aggregation (Patent No. 202110937240.4)

COMPETITION EXPERIENCE

2022 ZTE Algorithm Elite Competition (Image Denoising Track)	2022.04 - 2022.07

Individual Contestants | The Final winner (Top 1.5%) } [[Code](#)]

LANGUAGE & SKILLS

- Language: **IELTS 7.5** (**Full mark for Listening and Reading part**).
- Programming skills: Python, PyTorch (Proficient), TensorFlow, Matlab, C/C++ and OpenCV (Familiar).
- Technical Blog: 80,000+ views [[Representative Blog](#)]

HONORS & AWARDS

CSC Outstanding Undergraduate International Exchange Program Scholarship (Top 2)	2018.10
Sichuan Comprehensive Quality A Certificate	2019
First Class Scholarship for Outstanding Undergraduate Students (Top 15%)	2017-2019
First Prize of Postgraduate Academic Scholarship (Top 10%)	2020-2022
First Prize of National University Mathematical Modeling Competition (Top 10)	2018.08