Jiaer Xia

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JiaerXia.github.io
MAC, Xiamen University, China

EDUCATION

Xiamen University (Exempted Examination)   Sep 2021 - Jun 2024

Artificial Intelligence Master   Xiamen, China

- Affiliate with MAC-Lab
- Supervisor: Prof. Rongrong Ji
- Research interests: Person Re-identification; Cross-modality retrieval

Donghua University (Honours Degrees)   Sep 2017 - Jun 2021

Electrical Engineering & Automation Bachelor   Shanghai, China

- Supervisor: Prof. Mingbo Zhao
- GPA: 3.7, Ranking: 1 / 90

PUBLICATIONS

Attention Disturbance and Dual-Path Constraint Network for Occluded Person Re-Identification

- **Jiaer Xia**, Lei Tan, Pingyang Dai, Mingbo Zhao, Yongjian Wu, Rongrong Ji
- arXiv, 2023 [pdf]

CycleTrans: Learning Neutral yet Discriminative Features for Visible-Infrared Person Re-Identification

- Qiong Wu, **Jiaer Xia**, Pingyang Dai, Yiyi Zhou, Yongjian Wu, Rongrong Ji
- arXiv, 2022 [pdf]

An automatic docking device for charging interface of new energy vehicles

- Zhenqiang Jian, Jie Qi, Chenyue Zhang, **Jiaer Xia**, etc
- Patent, CN109910665B

HONORS & AWARDS

Mathematical Contest In Modeling - Honorable Mention(15%)	Feb 2019
"Challenge Cup" Shanghai Academic S&T Works Competition - First Price (Team Leader)	May 2019
National Undergraduate Electronic Design Contest - Shanghai First Price	Nov 2019
Textile Honor Student Special Scholarship (two students nationwide every year)	Jan 2021
Annual School Personage Award Nomination (Highest student honor in DHU)	Sep 2020
Outstanding Student & Excellent League Member & Academic Excellence Scholarship	Sep 2020
Shanghai & Donghua University Outstanding Graduates	Jun 2021

SKILLS LIST

Professional Skill

- **Coding:** Python, Pytorch, C/ C++, MATLAB
- **Network:** Familiar with Resnet, Transformer, CLIP, etc
- **Task:** Familiar with person re-identification, cross-modality retrieval, domain generalization, incremental learning