

# JIAQI LIU

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## 🎓 EDUCATION

**Southern University of Science and Technology**      **Computer Science**      **Master**      2021.08 – 2024.06  
GPA: 3.58/4.0      Major: advanced algorithm, advanced AI, intelligent data analysis, etc.

**Dalian University of Technology**      **Software Engineering**      **Bachelor**      2015.09 – 2019.06  
GPA: 3.34/4.0      Major: data structures, computer networks, database programming, etc.

## ⚙️ SKILLS

- Proficient in Python, C++, Java;
- Proficient in pytorch framework and deep model writing and debugging;
- Proficient in using basic computer vision models for downstream task training.

## 👤 WORKING/INTERNSHIP EXPERIENCE

**Alibaba International Digital Business Group**, AI Business      2024.07 – Now  
Research and development of MLLM and AIGC-related algorithms.

**Tencent**, Youtu Lab      2022.01 – 2024.03  
Research on unsupervised industrial image anomaly detection: detect scratches, dents and other defects.

- Summary of algorithm paradigms in anomaly detection field and predicting future trends;
- Developing the open-iad algorithm library to establish benchmarks and conduct performance analysis for algorithms in scenarios with few samples, noisy learning, etc;
- Research on anomaly detection algorithms in complex scenarios such as multi-modal, few shot, continual learning, etc., leading to the publication of several top-tier journal and conference papers.

**Shenzhen Stock Exchange**, Shenzhen Securities Communication Co., Ltd.      2019.07 – 2021.06  
Analysis and Application of User Access Network Data in the Shenzhen Stock.

- Analyze potential risks based on network security device logs and real-time performance data;
- Research and establish a data platform, analyze the advantages and disadvantages of commercial platform and open source components, and initially build a data middle platform.

## ♡ PAPER & AWARDS

### Accepted Paper (First author and first author contributed equally):

Unsupervised Continual Anomaly Detection with Contrastively-Learned Prompt	AAAI 2024
Deep Industrial Image Anomaly Detection: A Survey	MIR(IF: 6.4) 2024
IM-IAD: Industrial Image Anomaly Detection Benchmark in Manufacturing	IEEE TCYB(IF: 11.8), 2024
Real3D-AD: A Dataset of Point Cloud Anomaly Detection	NeurIPS 2023
Pushing the Limits of Fewshot Anomaly Detection in Industry Vision: Graphcore	ICLR 2023
EasyNet: An Easy Network for 3D Industrial Anomaly Detection	ACM MM 2023

Personal homepage for details: <https://jiaqiliu.cn>

### Awards:

Top 10 Graduates with a Postgraduate Degree, SUSTech	2024
College of Engineering Academic Star, SUSTech	2023
National Scholarship, China	2023

## 🛠️ SERVICE & OPEN SOURCE

- ICLR, NeurIPS, ICML, ACM-MM, IJCAI, AAAI, EAAI, ESWA Reviewer
- Create and maintain repository: <https://github.com/M-3LAB/awesome-industrial-anomaly-detection>(1.6k stars)
- Google Scholar Citations: 200+ (since 2024)