

Jiashuo Chang

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Education

Nanyang Technological University

MSc in Applied Artificial Intelligence, College of Computing and Data Science 08/2026–Present

Central South University

Bachelor's Degree in Computer Science and Technology 09/2022–07/2026

- Final weighted average score: **90.95/100**.

University of Dundee

Dundee International Institute of Central South University 09/2022–07/2026

- Awarded **First Class Honours**.

Research Projects

MMP-2K: A Benchmark Multi-Labeled Macro Photography Image Quality Assessment Database

IEEE ICIP 2025 [Paper](#) [GitHub](#) 02/2024–01/2025

- Built a **multi-labeled macro photography IQA benchmark**, covering dataset design, image collection, and quality-oriented attribute annotation.
- Designed the subjective-scoring and quality-control workflow to consolidate reliable image-quality labels for benchmark evaluation.
- Developed the **Vue and Flask** annotation and browsing platform for data collection, browsing, and subjective-study management; released project resources through GitHub and Hugging Face.
- Established a **reproducible benchmark** for macro photography IQA research and evaluation; presented the work as a Poster Presenter at IEEE ICIP 2025.

When Composition Doesn't Add Up: Humans Identifying Defects in AI-Generated Images

IEEE MMSP 2026 2025–2026

- Constructed the **CO-AID study dataset**, organizing reference images, prompts, AI-generated samples, and multi-label human annotations of defect type and location.
- Conducted **modeling and validation** for a human study of compositional defects in AI-generated images, enabling systematic analysis of human-perceived defects.

PSYNAV: Exploring User Needs and Expectation and Designing AI Psychological Assistants

AICSIP 2025 [Paper](#) 07/2023–08/2023

- Conducted **user-needs research and participatory design**, producing evidence-based requirements to guide AI psychological-assistant design.

Internship Experience

Western Securities Co., Ltd.

IT Intern, Information Technology Department 07/2025–08/2025

- Analyzed securities business workflows and mapped requirements for **AI-enabled operational support**.
- Built **Dify-based AI agent prototypes** for multi-source data integration and multi-agent fault analysis.
- Contributed to system modeling, data preparation, and technical-solution design for internal AI competition projects.

EAST Energy Storage Technology Co., Ltd.

Backend Intern, Photovoltaic and Energy Storage Products Department 07/2024–09/2024

- Implemented **voice and face-recognition login** using Baidu AI Cloud APIs and a Python/Flask backend.
- Developed supporting API integration and data-processing flows for an energy-storage product platform.

Awards and Skills

- Third-Class Scholarship, Central South University 2022–2023, 2023–2024, 2024–2025
- Outstanding Graduate, Central South University 06/2026
- Excellent Student Leader, Central South University 2022–2023
- Third Prize, China Collegiate Service Outsourcing Innovation and Entrepreneurship Competition 06/2024
- **Programming:** Python, Java, C, C++, JavaScript, HTML/CSS, Bash
- **Tools:** Flask, Vue, ElementUI, Dify, Git, Codex
- **Languages:** Mandarin Chinese native; English IELTS 7.0 (L 8.5 / R 7.5 / W 6.0 / S 6.5), CET-4 589, CET-6 515