JINYI LI

Guangzhou, China
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RESEARCH INTERESTS

Meta Learning, Multi-modality, Computer Vision, Natural Language Processing.

EDUCATION

South China University of Technology — Guangzhou, China
B.S. in Computer Science and Technology, GPA: 3.82/4.0 — *September 2021 - Present*

PUBLICATIONS

Jinyi Li, Yihuai Lan, Lei Wang and Hao Wang. "PCToolkit: A Unified Plug-and-Play Prompt Compression Toolkit of Large Language Models." *ArXiv abs/2403.17411 (2024): n. pag.*

ACADEMIC EXPERIENCES

University of Oxford	Short Academic Program	Jul. 2023 - Aug. 2023
Singapore Management University	Academic Communication	Jul. 2024
National University of Singapore	Academic Communication	Jul. 2024
Nanyang Technological University	Academic Communication	Jul. 2024
A*Star (Singapore)	Academic Communication	Jul. 2024

WORK EXPERIENCE

Research Intern — Feb. 2024 - Jun. 2024
Mentored by Prof. Hao WANG — *The Hong Kong University of Science and Technology (Remote)*

ACADEMIC PROJECTS

Meta Learning Based Research — Jun. 2024 - present
Supervised by Prof. Yong LI.
We focus on Meta Learning related topics. Currently, we are participating in an algorithm contest held by Pazhou Lab.

Social Behaviours of Multi-Agent in Board Game — Feb. 2024 - Jun. 2024
Supervised by Prof. Hao WANG.
We focused on multi-agent topics. Precisely, we build several environment for multi-agent-based board games. Some follow-up experiments were done base on this environment.

Large Language Model Readable Context Compression — Feb. 2024 - Jun. 2024
Supervised by Prof. Hao WANG.
We focused on prompt compression topics. The result was published on ArXiv.

Gesture Recognition Based on Cross-modal Supervision Oct. 2023 - Jun. 2024
Team Leader. Supervised by Prof. Hewei YU.
We focused on WiFi beamforming techniques. Some preliminary experiments were done by me.

Surface Defect Detection of Industrial Products Sep. 2022 - Sep. 2023
Secondary Team Leader. Student Research Program (SRP). Supervised by Prof. Hewei YU.
We focused on Huawei MindSpore platform. The main work was transforming PyTorch-based framework into MindSpore-based framework.

Course Designs. Completed an Autoencoder-like network for Hand-writing Formula Recognition. Designed a Motion Detector by Python using differential methods. Designed a Scheduler System by Qt Creator in C++ Course Design. Designed a Student Management System with the use of SQLite 3 in Database Course. Designed a Pseudo Eco-sphere in Data Structure Course Design. More projects are shown in project page.

TALKS

NExT++ Laboratory Seminar Jul. 2024
"To Feel To Percept: A Brief Introduction to My Academic Experience" *National University of Singapore (On site)*

EXTRACURRICULAR

Member of CSE Football Team since 2022. Securing 3 bronze medals until present.

AWARDS & HONORS

The First Prize Scholarship	2024
The Dongfeng Enterprise Scholarship	2023
The Second Prize Scholarship	2022
Merit Student	2022 & 2023 (Twice)
Excellent League Member	2022 & 2023 (Twice)
Excellent Student Cadre	2023
MCM/ICM: Honorable Mention	2023
APMCM: Second Prize	2023