Runshi Li

+86 18009650926 | stflrs

stflrs@mail.ustc.edu.cn

EDUCATION

B.S., School of the Gifted Young, University of Science and Technology of China *Sep. 2021- Present*

- **Major**: Computer Science **GPA**: 3.65/4.3 (86.98/100)
- **Honors & Awards:** The Campus Outstanding Student Scholarship(2021, 2022)
- **Core Courses:** Computer Programing (94/100), Graph Theory (91/100), Data Structure (91/100), Stochastic Processes (90/100), Algebra Fundamentals (90/100), Mathematical Analysis B1 & 2 (91/100)

PUBLICATIONS

[1]. **MV2MV: Multi-View Image Translation via View-Consistent Diffusion Models** [Project page][DOI]
Youcheng Cai, **Runshi Li**, Ligang Liu
ACM Transactions on Graphics (Proc. SIGGRAPH Asia), 43(6), 2024, Article 252:1–12, 2024.

[2]. **IterIS: Iterative Inference-Solving Alignment for LoRA Merging** [Project page][DOI]
Hongxu Chen, **Runshi Li**, Bowei Zhu, Zhen Wang, Long Chen
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2025.

RESEARCH & PROJECT EXPERIENCE

Diffusion-Based Scene Relighting *Jun. 2025 – Present*
*Undergraduate Researcher, supervised by Prof. Ligang Liu in **GCL Lab***

- Leveraging the fine-detail synthesis capabilities of diffusion models and the scene-level consistency constraints of 3D Gaussian Splatting to enable controllable scene relighting.

IterIS: General-Purpose LoRA Merging Algorithm [Project Link] *Sept. 2024 – Jan. 2025*
*Undergraduate Researcher, supervised by Prof. Long Chen in **Long Group***

- Proposed IterIS, a novel and versatile LoRA merging algorithm applicable for multiple domains.
- Designed an iterative framework with refined objectives for effective LoRA weight integration.
- Demonstrated significant empirical improvements over prior methods across multiple domains.

MV2MV: Multi-view Images Translation [Project Link] *Feb. 2024 – May 2024*
*Undergraduate Researcher, supervised by Prof. Ligang Liu in **GCL Lab***

- Developed a unified multi-view image translation framework for various view-consistent image editing tasks.
- Proposed a generative multi-view diffusion model that improves view consistency and detail preservation.

ErisFS: Virtual Filesystem for FreeRTOS [Project Link] *Feb. 2022 – Jul. 2022*
Undergraduate Researcher

- Developed ErisFS, a virtual filesystem for FreeRTOS with full support for POSIX file APIs.
- Designed for high extensibility, enabling seamless integration and portability of diverse underlying filesystems and storage media.

TEACHING EXPERIENCE

Teaching Assistant for Computer Network Courses *Sept. 2024 – Jan. 2025*

- Assisted in preparing and grading homework, labs, and midterm exams for computer network courses.
- Held weekly office hours to support clarifying computer networking concepts.

SKILLS

- **Programming Languages:** C/C++, python, Verilog, HLSL.
- **Database Language:** MySQL (MySQL Workbench).