Zeyu Lei

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EDUCATION

College of Computer Science, Sichuan University   09.2021 – 06.2025 (Expected)

Bachelor of Engineering, Computer Science and Technology (Top-notch Talents Program)   Chengdu, China

- **Average Score:** 90.44/100   **GPA:**   3.82/4.00
- **Key Course:** Linear Algebra(97), Calculus(93), Probability Statistics(96), Discrete Mathematics(95), Academic Writing(95), Computer Network(97), Operating System(95), Machine Learning(93), Principle of Compiler(98), University Physics(99), Numerical Computing Method, Data Structure & Algorithmic Analysis, Pattern Recognition, Principle of Database System, etc.

RESEARCH EXPERIENCE

IMDL-BenCo: A Comprehensive Benchmark and Codebase for Image Manipulation Detection & Localization   *In submission to NeurIPS2024*   04.2024 – 06.2024

- Collaborated with the Data Intelligence & Computing Art Laboratory team to propose IMDL-BenCo, the first comprehensive Image Manipulation Detection & Localization (IMDL) benchmark and modular codebase as a co-first author, under the supervision of associate professor Jizhe Zhou. I was responsible for implementing ManTra-Net and SPAN and manuscript writing.
- arxiv: https://arxiv.org/abs/2406.10580

Research Intern in Dica Lab, Sichuan University   08.2023 – Now

- Serve as a research intern in Data Intelligence & Computing Art Laboratory on leveraging Multimodal Large Models to enhance Fine-Grained Recognition tasks, under the supervision of associate professor Jizhe Zhou.

NUS SoC Summer Workshop First Prize   05.2023 – 07.2023

- In National University of Singapore School of Computing Summer Workshop, worked with two teammates to create the group project Real-Time Ray Tracing on GPU, under the supervision of senior lecturer Low Kok Lim. The team participated in project showcase and finally got the first prize(1/17).

Innovation and Entrepreneurship Training Program for College Students   10.2022 – 09.2023

- In this one-year program, leaded the group from College of Computer Science and West China College of Public Health, Sichuan University to make XR-Based Rehabilitation Training System for Senile Lower Extremity Sarcopenia, under the supervision of associate professor Shiyong Lan and Chief Technician Renjie Wang.

SELECTED AWARDS AND HONORS

- The 14th Chinese College Students Mathematics Competition First Prize (8%)
- National University of Singapore School of Computing Summer Workshop First Prize(1/17)
- The 9th Sichuan University "Internet +" College Students Innovation and Entrepreneurship Competition Second Prize
- Sichuan University Comprehensive Scholarship
- Sichuan University Excellent Student