Wenjuan Lin

Champaign, IL wenjunl4@illinois.edu https://latentlin2512.github.io/ LatentLin2512

Education

University Of Illinois Urbana Champaign *Sept 2023 – Present*
Bachelor of Science in Computer Engineering

- GPA: 3.97/4.0
- **Relevant Coursework:** Parallel Programming, Data Structures, Artificial Intelligence, Operating System

Zhejiang University *Sept 2023 – Present*
Bachelor of Engineering in Electrical and Computer Engineering

- GPA: 3.91/4.0, Rank: 2/70

Honors and Awards

National Scholarship *Ministry of Education of People's Republic of China, 2024*

Dean's List *University of Illinois at Urbana Champaign, 2024*

Meritorious Winner in Mathematical Contest in Modeling *Consortium for Mathematics and its Applications, 2024*

Second Prize Scholarship for Academic Excellence *Zhejiang University–University of Illinois Urbana-Champaign Institute, 2024, 2025*

Research Experience

Research and Reproduction of VLA Models *Zhejiang, China*
Team leader, Summer Research Project in 2025 *June 2025 – Aug 2025*

- Conducted in-depth studies of multiple recent VLA papers and partially reproduced open-source projects.
- Led a team of three, delivering weekly study reports to the advisor.
- Awarded Outstanding Project by ZJU-UIUC

Projects Experience

GPT-2 Project *Project Report*

- Implemented Tensor Cores, FlashAttention, reduction techniques, and other CUDA optimization strategies to accelerate the GPT-2 model.
- Profiled and analyzed performance bottlenecks using NVIDIA Nsight Systems and Nsight Compute, identifying limitations in compute utilization, memory throughput, and warp-level execution efficiency.

Leadership & Activities

Guidance, Navigation & Control Subteam, Illinois Space Society *Illinois, USA*
Team Member *Sep 2025 – Present*

- Learned and successfully applied an extended Kalman filter (EKF) algorithm to estimate rocket height, velocity, and acceleration during actual launches (Oct 2025).
- Identified and fixed code bugs in the rocket guidance system, including reference frame inconsistencies.
- Currently exploring lightweight algorithms to efficiently predict rocket attitude with the team.

Publicity Department in ZJU-UIUC Institute *Zhejiang, China*
Main Manager *July 2024 – June 2025*

- Led planning and visual content for institutional events and student initiatives, including videos, social media posts, and graphics.