

Wenjuan Lin

📍 Champaign, IL 📩 wenjunl4@illinois.edu 🌐 <https://latentlin2512.github.io/> 🎁 LatentLin2512

Education

University Of Illinois Urbana Champaign <i>Bachelor of Science in Computer Engineering</i>	<i>Sept 2023 – Present</i>
◦ GPA: 3.97/4.0 ◦ Relevant Coursework: Parallel Programming, Data Structures, Artificial Intelligence, Operating System	

Zhejiang University <i>Bachelor of Engineering in Electrical and Computer Engineering</i>	<i>Sept 2023 – Present</i>
◦ GPA: 3.91/4.0, Rank: 2/70	

Honors and Awards

National Scholarship	<i>Ministry of Education of People's Republic of China, 2024</i>
Dean's List	<i>University of Illinois at Urbana Champaign, 2024</i>
Meritorious Winner in Mathematical Contest in Modeling	<i>Consortium for Mathematics and its Applications, 2024</i>
Second Prize Scholarship for Academic Excellence	<i>Zhejiang University–University of Illinois Urbana-Champaign Institute, 2024, 2025</i>

Research Experience

Research and Reproduction of VLA Models <i>Team leader, Summer Research Project in 2025</i>	<i>Zhejiang, China</i> <i>June 2025 – Aug 2025</i>
◦ 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	<i>Project Report ↗</i>
◦ 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. ◦ Achieved 3rd place in the final competition.	

Leadership & Activities

Guidance, Navigation & Control Subteam, Illinois Space Society <i>Team Member</i>	<i>Illinois, USA</i> <i>Sep 2025 – Present</i>
◦ 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 <i>Main Manager</i>	<i>Zhejiang, China</i> <i>July 2024 – June 2025</i>
◦ Led planning and visual content for institutional events and student initiatives, including videos, social media posts, and graphics.	