Junsheng Huang

📞 (+86)13798300044
✉ jh103@illinois.edu   ✉ junsheng.21@intl.zju.edu.cn
○ github.com/no-touch-fish

Education

ZheJiang University-University of Illinois at Urbana-Champaign   Expected June 2025
Dual Bachelor of Electrical and Computer Engineering (UIUC GPA: 4.00 / 4.00) (ZJU GPA: 3.98 / 4.00)
- **Relevant Courses and Grades:** Computer System Engineering(ECE391)-A, Data Structure(CS225)-A+, Linear Algebra(MATH257)-A+,Probability with Engineering Applications(ECE313)-A+, Artificial Intelligence(CS440)-A+, Algorithm(CS374)-A+, Machine Learning(CS446)-A+

Research Experience

Galaxy Federated Learning Framework | Instructor: *Chao Wu (ZJU Professor)*   June 2022 - August 2022
- This project explores a possible method to obtain training data for machine learning from clients with privacy protections
- I help adding functions for monitoring the status of CPU and GPU while running the local program
- I help debugging the data transporting process to let the model being delivered and trained

LLM Attack Based on Gradient Method | Instructor: *Gagandeep Sigh(UIUC Professor),Jason Vega(UIUC Ph.D)*Jan 2024 - Jun 2024
- This project hope to find a more efficient and stronger way to attack Llama2 and Llama3
- I use **GCG**(Greedy Coordinate Gradient-based) attack to find "ignore" strings and attack Llama2-7B and Llama2-13B.

Course Projects

391 OS System   Sep 2023 - Dec 2023
- **Basic Functionalities**: Implemented an operating system supporting basic functionalities like scheduling, interrupts, system calls, exceptions, and file systems
- **Self-designed features**: ATA drivers to support writable file system, command history, changeable color and auto complete

Technical Skills

Programming: C, C++, Python, MATLAB, x86 assembly, Unreal Engine 5, Pytorch frame
Spoken Languages: English(Professional), Mandarin(Native), Cantonese(Native)

Honors

- Honorable Mention of Mathematical Contest of Modeling (**May 2023**)

- ZJU-UIUC Institute Third-Class Academic Excellence Award for **Semaphore Year**

- UIUC Grainger Engineering Department Dean's List for two semesters in **Junior Year**

Social Engagements

Course Assistant for ECE391(Computer System Engineering)   Jan 2024 - May 2024