

Hengjia Yu

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Address: 1010 W University Ave, Urbana, IL

EDUCATION

University of Illinois Urbana-Champaign	Sep. 2021 - Present
Undergraduate - Computer Engineering	GPA: 3.82/4.00
Zhejiang University	Sep. 2021 - Present
Undergraduate - Electronic and Computer Engineering	GPA: 3.90/4.00

RESEARCH INTERESTS

System for ML, Distributed System, Computer Architecture

ACADEMIC EXPERIENCE

UIUC ADAPT Group: Distributed System for Temporal Graph Learning	UIUC
<i>Undergraduate Researcher supervised by: Prof. Charith Mendis</i>	Dec 2023 - Present
- Participated in development and release of TGLite – a new model de-duplicating and accelerating temporal graph learning. - Researching on Distributed Systems for TGL focusing on mini-batches and node memories.	
Neonatal Seizure Diagnosis Based on EEG Data	Zhejiang University
<i>Advisor: Prof. Qinmin Yang and Chao Li</i>	Summer 2022
- Participated in research on neural network models on improvement of performance. - Achieved accuracy of 95%	

PROJECTS

Operating System Design - ECE391: Operating System	UIUC
<i>Advisor: Prof. Steven Lumetta and Zbigniew T. Kalbarczyk</i>	Oct. 2023 - Dec. 2023
- Developed a Linux-like operating system from scratch with a team (group leader). - Implemented basic OS functionalities and advanced features like round-robin scheduler, signals, writable file-system, and text-editor.	

AWARDS

Provincial Government Scholarship of Zhejiang Province	2022
Top 3% students in Zhejiang province	
Outstanding Student of Zhejiang University	2022
Top 8% students in Zhejiang University	
Dean's List	2022 & 2023
Top 10% students in Grainger College of Engineering, UIUC	

SKILLS

- **Programming:** Python, C, C++, Matlab, x86 assembly
- **Languages:** English (professional), Mandarin (native)
- **Others:** Git, Pytorch, LaTeX, Sphinx, Markdown, Colab

OTHER EXPERIENCES

Course Assistant - ECE391: Operating Systems

UIUC

2023 - 2024 Spring Semester

Director of Student New Media Center

International Campus, ZJU

2022 - 2023 Academic Year

Campus Men's Volleyball Team Leader

International Campus, ZJU

2022 - 2023 Academic Year