

# Yuchen Yang

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## EDUCATION

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### ZJU-UIUC Institute Dual Degree Program

- Major GPA 4.00

### University of Illinois at Urbana-Champaign

Expected Graduation: May 2025

Bachelor of Computer Engineering

- GPA 3.89

### Zhejiang University

Expected Graduation: May 2025

Bachelor of Computer Engineering

- GPA 3.96
- Academic Excellence Pioneer

## EXPERIENCE

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### ZJU-UIUC Institute

September 2022 - Present

Research Assistant

**Skills:** Python, PyTorch, Research Article Writing

- Developed a novel coding method for the conversion from Artificial Neural Network (ANNs) to Spiking Neural Network (SNNs), which can improve the efficiency and accuracy of neural computation and achieve state-of-the-art performance.
- Trained classic ANNs models and SNNs models using various datasets and benchmarks.
- Deployed deep learning servers locally and remotely and built deep learning frameworks and experimental platforms.
- Acquired skills in computer vision and deep learning.
- Writing a conference paper based on the proposed method, which is planned to be submitted soon.

### Zhejiang University

May 2022 - August 2022

Summer Research Project Team Leader

**Skills:** Research Article Writing, Academic Reading Skill, Data Management

- Collaborated with one Ph.D. student and two undergraduate students to solve an artificial intelligence technology-based risk assessment and predictive analysis project for power distribution areas.
- Produced a high-quality research report and presented the findings to the project supervisor.

## LEADERSHIP & COMMUNITY INVOLVEMENT

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### Zhejiang University International Campus Media Center

September 2021 - September 2022

Photography Team Member

- Participated in the promotion of Zhejiang University, taking photos for the campus, and coordinating various activities organized by the school.
- Contributed to the article writing and layout for the school's social media platforms.