

# Hangyu Zhou

zhou-hangyu.github.io | hz477@cornell.edu | 6072807629 | Ithaca, NY

## EDUCATION

### Cornell University

Aug 2020 – May 2025

*M.S. in Computer Science*

Ithaca, NY

*B.S. in Biological Engineering, Minor in Computer Science*

- Advisor: Prof. Bharath Hariharan
- GPA: 3.93/4.30

### Zhejiang University

Sep 2018 – Jun 2020

*B.E. in Agriculture Engineering*

Hangzhou, China

- GPA: 3.70/4.00

## PUBLICATIONS

Interfering with Interference: Layer Shuffling and Superposition for Better Multi-Model Compression. Preprint.

**Hangyu Zhou**, Aaron Gokaslan, Volodymyr Kuleshov, Bharath Hariharan.

AllClear: A Comprehensive Dataset and Benchmark for Cloud Removal in Satellite Imagery. NeurIPS DB 2024.

**Hangyu Zhou\***, Chia Hsiang Kao\*, Cheng Perng Phoo, Utkarsh Mall, Bharath Hariharan, Kavita Bala.

Rauicap: Contextual Captioning with Retrieval Augmentation and User Interaction. Preprint.

**Hangyu Zhou**, Bharath Hariharan.

## EXPERIENCES

### Graphics & Vision Group @ Cornell

Jun 2022 – Present

*Research Assistant*

Ithaca, NY

- Supervised by Prof. Bharath Hariharan on Computer Vision and Machine Learning.

### CAIR Lab @ Cornell

Aug 2022 – Dec 2022

*Research Assistant*

Ithaca, NY

- Supervised by Prof. Yu Jiang to build vision tools for agriculture.
- Project: Tomato internode length estimation with object detection and reconstruction on RGB-D streams.

### Zhejiang University

Oct 2018 – May 2021

*Project Team Leader*

Hangzhou, China

- Led a project team under the National Excellence in Agricultural and Forestry Talent Training Program.
- Project: Automatic windproof solid fertilizer sprayer prototype development for automated agricultural airboats.
- Patent Number: ZJ 2019 1 0859227.4

## TEACHING

### Cornell University

Jan 2023 – Present

*Teaching Assistant*

Ithaca, NY

- SoNIC Summer Research Workshop (Summer 2024)
- CS 4701 Practicum in Artificial Intelligence (Fall 2024)
- CS4789/5789 Introduction to Reinforcement Learning (Spring 2024)
- CS4780/5780 Introduction to Machine Learning (Fall 2023)
- CS4670/5670 Introduction to Computer Vision (Spring 2023)

## HONORS & AWARDS

Bowers Undergraduate Research Experience (BURE), Cornell University

Tau Beta Pi Engineering Honor Society, New York Delta Chapter

The Third Prize Scholarship, Zhejiang University