# Zhaolong Su

Tel: +86-18801120209 | Email: rollings2430526410@163.com

## Education

**Beijing University of Technology** *Sept. 2021-Jun. 2025*

Bachelor of Engineering Major: Artificial Intelligence

GPA: 3.68/4.0 | Average Mark: 87.99 (Top 11%)

**Programming**

Python, R programming language, C, Pytorch, Monai

## Publication

- **Zhaolong Su**, Zongwei Zhou*, Alan Yullie*, *Breaking the Scaling Law: How can we train a segment model more efficiently over three months?* *Corresponding authors, [Preparing for ICCV 2025]
- **Zhaolong Su**, Zongwei Zhou*, Alan Yuille*, *Enabling AI to Segment Continuous Data Flow of Synonyms, Hierarchical, and Novel Classes in Multicenter CT Data with Manageable Cost,* *Corresponding authors, [RSNA 2024 2nd round rejected]
- **Zhaolong Su**, Yunhan Tian, Jiakui Hu, Jieneng Chen*, *Can Language Model Serves as a Physical Interface In Video?* [Preparing for MM]
- Jiakui Hu, **Zhaolong Su****,** Guoqi Li***,** Meta-Memory in Token Mixers: Defining and Exploring Memory-Performance Curves Across Vision Tasks, *Corresponding authors, [Preparing PAMI]
- Manfei li, **Zhaolong Su****, Maizie Zhou*, *SpatialTranscriptomics LocalAlignST,* *Corresponding authors, [Preparing for Nature Communication]
- **Zhaolong Su**, Yuxuan Chen, Yike Li, Wentao Zhang*, *OpenAGCL: A Thorough Benchmark for Augmentations in Graph Contrastive Learning*, [Incoming ArXiv]

## Experience

**Johns Hopkins University** *Mar. 2024-Present*

*Summer Onsite Intern* ***Supervisor:*** *Alan Yuille, Zongwei Zhou*

Project 1: Exploring Scaling Laws in Medical Imaging. Expected outcome ICCV 2025.

Ongoing Project: Can Language Serves as a Physical Interface In T2V Models? Expected outcome MM 2025. {Independently proposed idea}

**Institute of Automation, Chinese Academy of Science** *Sep. 2024-Present*

*Remote Intern* ***Supervisor:*** *Guoqi Li*

Ongoing Project: Exploring token mixer's effectiveness in vision tasks. Preparing TPAMI in 2025. {Main contributor to the idea}

**Peking University Data-centric Machine Learning Group** *Jan. 2024-May. 2024*

*Remote Intern* ***Supervisor:*** *Wentao Zhang*

Created a benchmark OpenAGCL: A Thorough Benchmark for Augmentations in Graph Contrastive Learning, preparing for NeurIPS Benchmark track.

**The University of Hong Kong (AIMED)** *Sept. 2023-Oct.2024*

*Part-time Engineer* ***Supervisor:*** *Tao Huang, Xihe Kuang*

Project: Medical Imaging, Wukong: Light-based Disease Analysis and Follow-up. {Main contributor}

## Awards

- National Scholarship, Academic Excellence Scholarship
- 7th China College Scientific Research English Presentation Contest national Grand Prize