

Junhao Chen

✉ junhao1chen@gmail.com

☎ +86 17806712590

🌐 junhao00-chen.github.io

Education

Doctor of Philosophy (PhD)

School of Computing and Data Science

The University of Hong Kong

Sep 2026 – Present

Bachelor of Engineering in Computer Science

Bachelor's degree program (GPA: 3.9/4.0)

Tsinghua University

Sep 2022 – Jun 2026

Publications/Preprints

(Preprint) Qwen-VLA: Unifying Vision-Language-Action Modeling across Tasks, Environments, and Robot Embodiments

Qiuyue Wang, Mingsheng Li, Jian Guan, Jinhui Ye, Sicheng Xie, Yitao Liu, **Junhao Chen**, et al.

[Arxiv/Code](#)

(Preprint) FineVLA: Fine-Grained Instruction Alignment for Steerable Vision-Language-Action Policies

Xintong Hu, Xuhong Huang, Jinyu Zhang, Yutong Yao, Yuchong Sun, Qiuyue Wang, Mingsheng Li, Sicheng Xie, Yitao Liu, **Junhao Chen**, Yixuan Chen, Yingming Zheng, Shuai Bai, Tao Yu

[Arxiv/Code](#)

(ICLR 2026) MADFormer: Mixed Autoregressive and Diffusion Transformers for Continuous Image Generation

Junhao Chen, Yulia Tsvetkov, Xiaochuang Han

[Arxiv/Code](#)

(Preprint) States Hidden in Hidden States: Implicit Discrete State Representations Emerge in LLMs' Hidden States

Junhao Chen, Shengding Hu, Zhiyuan Liu*, Maosong Sun*

[Arxiv/Code](#) (* Corresponding Author)

(ACL 2024) InfiniteBench: Extending Long Context Evaluation Beyond 100K Tokens

Xinrong Zhang, Yingfa Chen, Shengding Hu, Zihang Xu, **Junhao Chen**, Moo Khai Hao, Xu Han, Zhen Leng Thai, Shuo Wang, Zhiyuan Liu*, Maosong Sun*

[Arxiv/Code](#) (* Corresponding Author)

Research Experience

Qwen Team, Alibaba

Research Intern

Oct 2025 – Jun 2026

- Co-led simulation data synthesis for Qwen-VLA and the setup of an internal simulation benchmark.

XLING Lab, the University of Hong Kong

Research Assistant

March 2025 – Present

Advisor: Prof. [Tao Yu](#)

- Co-lead research on scaling embodied instruction following of Vision-Language-Action models for general robot control.

QiYuan Lab, China

Research Assistant

June 2024 – Present

Advisor: Prof. [Zhiyuan Liu](#)

- Participate in exploration of Linear Transformers, focusing on benchmarking and kernel function exploring.

UWNLP Lab, the University of Washington

Research Assistant

June 2024 – June 2025

Advisor: Prof. [Yulia Tsvetkov](#)

- Led research on Autoregressive Image Generation, focusing on model structure and training of fused AR-Diffusion models. **Paper has been accepted by ICLR 2026 as first author.**

NLP Lab, Tsinghua University

Research Assistant

April 2023 – Present

Advisor: Prof. [Zhiyuan Liu](#)

- Participate in designing and construction of the first super long context (100k+) benchmark. **Paper has been accepted by ACL 2024.**
- Lead research on model interpretability.
- Co-lead research on instruction tuning dataset design and construction.

Technical skills

Programming Languages	C, C++, Python, Javascript, HTML, CSS, System Verilog, Java, Rust Fluent in English: TOEFL 115, CPE Grade A
------------------------------	--

Selected Awards

National Scholarship (Top 0.2%, Highest Honor for undergraduates in China)	2023
National Scholarship (Top 0.2%, Highest Honor for undergraduates in China)	2025
Tsinghua University Comprehensive Excellence Scholarship (Top 5% undergraduates)	2023
Tsinghua University Comprehensive Excellence Scholarship (Top 5% undergraduates)	2024
Tsinghua University Comprehensive Excellence Scholarship (Top 5% undergraduates)	2025
Song Qingling Scholarship (Top 0.1%, Highest Honor for students in Guangdong Province)	2021

Social Work Experience

Tsinghua University Students' Union

January 2024 – Present

Department of Learning and Career Development, Leader

- Organizing activities associated with learning and undergraduate career development
- Department internal coordination

Shenzhen Middle School Space Station (*Alumni Organization*)

November 2022 – Present

Founder

- Maintaining strong connections and cooperation with alma mater
- Networking with alumni and relevant communities
- Organizing online/offline activities for high school and university students

Campus Online: Student Management Organization (*Student Organization*)

February 2021 – June 2022

Founder

- Responsible for the development, operation, and continuous improvement of the COSMO Smart Campus Platform at Shenzhen Middle School, including projects such as mutual help on campus, themed club seasons, and campus paper website, etc.