

HAORU WANG

he/him

王浩如

Undergraduate Student @PKU



Personal info

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- 📍 45B Peking University, 100871 Haidian District, Beijing

Languages & Skills

- 🔗 C++, C, Python, Pytorch, Cuda
- ✍️ L^AT_EX

- 🗣️ Chinese (Mothertongue)
- English (Fluent, IELTS 7.5)
- Japanese (Fluent, N1)
- German (Beginner)
- Korean (Beginner)

- 🛠️ PS, PR, Blender, Live2D
- Muscore, Kontakt, FL Studios, Vocaloid

EDUCATION

Computer Science, Peking University

September 2021 – June 2025 (Expected)

- **GPA: 3.596** (total), **3.739** (last semester)
- Ranking: Top 40%
- Selected courses: Numerical Methods(93/100), AI Programming(96/100), Computer Networks(90/100), Visual Computing(86/100), Simulation in CG(93/100)

Dual degree program in Global History, Peking University

September 2022 – June 2025 (Expected)

EXPERIENCE

Research Intern, Technische Universität München

JUNE 2024 – PRESENT, ONSITE SUMMER INTERN

- Exploring novel neural methods for fluid simulation.
 - Introducing Gaussian Splatting into simulation.
 - Supervised by Prof.Thuerey at **Thuerey Group**, TUM.
- Jointly supervised by Prof.Chu at **VCL Lab** (Visual Computing and Learning), PKU.

Research Intern, CVDA Lab, Peking University

MARCH 2023 – JULY 2024, ONSITE

- Building better human motion datasets and metrics for generation and evaluation tasks.
 - Introducing RLHF into 3d-vision tasks & digital human.
 - Supervised by Prof.Wang and Dr.Zhu at **CVDA Lab** (Computer Vision and Digital Art), PKU.
- **One paper** submitted to NeurIPS24 as first author.

Engineering Intern, Process Integration Ltd. Manchester

OCTOBER 2022 – MARCH 2023, REMOTE

- Attempts to build LLM-based agents for process industry as an internship project.
 - Implemented an RAG framework to meet realworld demands from industry.
- Jointly supervised & paid by Prof.Yang, PKU.

AWARDS AND HONORS

First Prize, PKU-CPC

June 28th, 2023

- **Team Ranked 7** at Peking University Programming Contest (PKU-CPC) 2023, sponsored by Citadel.
- Served as team leader.

Silver Medal, CPhO

October 20th, 2020, the 37th Chinese Physics Olympiad

Best Volunteer, Peking University

July 2022, July 2023 and July 2024, awarded 3 times

- Volunteer and leader of a regional branch at Peking University Admissions Office.
- Recognized for outstanding service and leadership.

Grade scale: (1) very good \approx 95-100, (2) good \approx 85-94, (3) satisfactory \approx 75-84, (4) sufficient \approx 60-74, (5) failed \approx 0-59