

HAN XUE

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EDUCATION

Tsinghua University

Sep 2021 – Jul 2025 (expected)

Bachelor of Science in Computer Science and Technology

Beijing, China

- **GPA: 3.94/4**

RELEVANT COURSEWORK

- Calculus
- Advanced Topics in Linear Algebra
- Discrete Mathematics
- Theory of Computer Network
- Introduction to Artificial Intelligence
- Fundamentals of Programming
- Foundation of Object-Oriented Programming
- Software Engineering

INTERNSHIP EXPERIENCE

UCLA Artificial General Intelligence Lab

Nov 2023 – present

Research Intern | Instructed by Prof. Quanguan Gu

Remote

- Surveyed generative diffusion models; Developed acceleration algorithm for diffusion models.

Kwai Technology Co., Ltd.

Jul 2023 – present

Y-tech Graphics AI Research Intern | Mentored by Dr. Chongyang Ma & Dr. Haibin Huang

Beijing, China

- Fine-tuned a visual foundation model for text-to-3D generation;
- Created a dynamic Neural Human Radiance Field via Motion Diffusion Model.

Institute for Interdisciplinary Information Sciences, Tsinghua University

Jan 2022 – present

Research Intern | Advised by Dr. Li Yi

Beijing, China

- Developed a generative and editable Neural Radiance Field;
- Reconstructed dynamic hand-object interaction scenes from single-view videos;
- Collaborated with senior researchers on projects related to 3D modeling and reconstruction and AIGC.

PUBLICATIONS

TuneMV3D: Tuning Foundational Image Diffusion Models for Generalizable and Scalable Multiview 3D Generation

CVPR 2024 (Under Review)

GenN2N: Generative NeRF2NeRF Translation

CVPR 2024

HONORS AND AWARDS

Second Prize, Simulated Investment Competition | Tongdeng Fund

Oct 2023

China National Scholarship | Ministry of Education of the People's Republic of China

Dec 2022

- Highest honor for Chinese undergraduates with top 2% nationwide.

Class Leadership Award | Tsinghua University

Oct 2022

Excellent Comprehensive Scholarship | Tsinghua University

Sep 2022

- Highest honor for sophomores.

Freshman Scholarship | Tsinghua University

Sep 2021

Second Prize, Tsinghua University Mathematics Autumn Camp | Tsinghua University

Oct 2019

Gold Medal, Chinese Mathematics Olympiad Hope League Summer Camp | CMO Hope League

Aug 2019

TECHNICAL SKILLS

Languages: Python (Numpy, PyTorch, Tensorflow), C/C++, Rust, LaTeX, Verilog

Developer Tools: Blender, Unity, MATLAB

Technologies/Frameworks: OpenCV, Git, Linux