

# Wenqi Wang

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I am an undergraduate student in Tsinghua University, majoring in computer science and technology. I will complete my bachelor's degree in 2024. Currently, I am actively looking for the opportunity of 2023 summer internship.

## Education

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- **Tsinghua University** **Beijing, China**  
*B.E. Computer Science and Technology* *September 2020 – June 2024*
  - Major GPA last year: **3.83/4.00**

## Research Experience

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- **Graphics and Geometric Computing Group, Tsinghua University** **Beijing, China**  
*Research Assistant, Advisor: Kun Xu* *2022 – present*
  - Maintain the Luisa-Compute code and community(on-going).
  - Research on denoising algorithm about Monte-Carlo rendering(learning).
- **Megvii Research** **Beijing, China**  
*Research Intern at Vision Model Group, Foundation Model Department* *2022 – 2023*
  - Research on the variational auto-encoders and diffusion models for image generation.
  - Contribute to the open source project and community.
- **Institute of AI Industry Research, Tsinghua University** **Beijing, China**  
*Research Intern at Federated Learning Group* *2021 – 2022*
  - Implemented the prototype learning in Federated Learning frame.
  - Use few-shot learning to label the distributed data in edge devices.

## Projects

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- **Fundamentals of Computer Graphics (A)** **Spring, 2022**  
*A competition for conditional image generation based on Jittor.* *Project Repo*
- **Software Engineering (A)** **Spring, 2022**  
*A taxi applet base on Wechat Platform.* *Project Repo*
- **Voxel Art in Taichi Language** **Fall, 2022**  
*A little ray-traced Taichi rendered voxel-art in 180 lines.* *Project Repo*
- **Computer Organization** **Fall, 2022**  
*Design a CPU in Verilog and run the little game flappybird.* *Project Repo*
- **Principles and Practice of Compiler Construction** **Fall, 2022**  
*Enhanced a decaf language compiler implemented in Python.* *Project Repo*
- **AI Gaming Platform** *Website*  
*Website where students can submit their agents to fight.*

## Skills

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- **Programming Languages:** C, C++, Python, Javascript, Java, C#, MySQL, Verilog, Unity
- **Sports:** Swimming, Billiard, Soccer
- **Talents:** Photography, Harmonica