

TIANAO LI

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📍 Tsinghua University, Beijing, P.R.China

I'm looking for a PhD opportunity starting from fall 2023.

EDUCATION

Tsinghua University, Beijing, P.R.China

Sep 2019 - Present

B.Eng. in Electronic Engineering

Curricular Certificate Program in Astronomy

Beijing No.4 High School, Beijing, P.R.China

Sep 2016 - June 2019

RESEARCH INTERESTS

Computational Imaging · Computer Vision · Image Processing

RESEARCH EXPERIENCE

NU Vision

April 2022 - Present

Research Intern

- I'm currently working with Prof. Emma Alexander from Northwestern University on a summer project, with a focus on the application of computer vision techniques to astronomical imaging.

Tsinghua Visual Intelligence and Computational Imaging Lab

September 2021 - February 2022

Research Assistant

- I joined Tsinghua Visual Intelligence and Computational Imaging Lab as an RA in Sep 2021. I collaborated with a PhD student on optical computing under the directions of Prof. Lu Fang.

SKILLS

Programming: Python, PyTorch, TensorFlow, Matlab, C/C++, Git, L^AT_EX

Knowledge: Signal Processing, Deep Learning, Optics

Language: English (TOEFL:111, S:26), Mandarin (Native)

HONORS & AWARDS

- **Tsinghua Comprehensive Excellence Scholarship (2021)**
- National College Students' Physics Competition: First Award (2020)
- Scholarship of Social Work (2020)
- Tsinghua Hardware Design Competition: Third Award (2020)

EXTRA-CURRICULAR

Vice president of Tsinghua Astronomy Society.

Head of school observatory.

Organized astronomical popularization summer camp for junior high students in Guizhou and Xizang, China in 2021.

Volunteer at Tsinghua Q&A Workshop with a total service hour of 135h.