

# TIANAO LI

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📍 Tsinghua University, Beijing, P.R.China

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

## EDUCATION

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**Tsinghua University, Beijing, P.R.China**

*Sep 2019 - Present*

*B.Eng. in Electronic Engineering*

*Curricular Certificate Program in Astronomy*

GPA: 3.83/4.0

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

*Sep 2016 - June 2019*

## RESEARCH INTERESTS

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*Computational Imaging · Computer Vision · Image Processing*

## RESEARCH EXPERIENCE

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**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 worked on Nerf and optical computing under the directions of Prof. Lu Fang.

## SKILLS

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**Programming:** Python, PyTorch, TensorFlow, Matlab, C/C++, Git,  $\LaTeX$

**Knowledge:** Signal Processing, Deep Learning, Optics

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

## HONORS & AWARDS

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- **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

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Vice president of Tsinghua Astronomy Society (2021-22).

Head of school observatory (2021-22).

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.