TIANAO LI

https://lukeli0425.github.io ✉ lta19@mails.tsinghua.edu.cn ⬡ https://github.com/Lukeli0425/

📍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

Alexandervision   *March 2022 - Present*
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   *Sepetmber 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++, LaTex
Knowledge:	Signal Processing, Deep Learning, Optics
Language:	English (TOEFL:111, S:26), Mandarin

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-CIRRUCULAR

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 QA Workshop with a total service hour of 135h.