

# TIANAO LI

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<https://lukeli0425.github.io>



## EDUCATION

**Beijing No.4 High School** Sep 2016 - Jun 2019  
**Tsinghua University** - Electronic Information Science and Technology Sep 2019 - Present

**GPA:** 3.78/4.00 (66/251)

### Relevant Coursework:

Data and Algorithm(A-), Probability and Stochastic Processes (1)(A-), Signals and Systems(A-), Electrodynamics(A-), Fundamentals of Electronic Circuits and System I&II(A), Discrete Mathematics(A-), Linear Algebra(A-), Advanced Calculus(B+), Fundamentals of Physics I&II(A)

## HONORS & AWARDS

Scholarship of Integrated Excellence 2021.10  
National College Students' Physics Competition: First Award 2020.12  
Scholarship of Social Work 2020.10  
Tsinghua Hardware Design Competition: Third Award 2020.10

## RESEARCH EXPERIENCE

**Luvision** - Intern Aug 2021 - Present

I joined Tsinghua Visual Intelligence and Computational Imaging Lab (Luvision) in Dept. of EE, THU in summer 2021. I'm doing research on the intersection of optics, machine learning and computer vision directed by Prof. Fang Lu. Currently, I'm working on an optical system featuring CV tasks based on Machine Learning.

## SKILLS

- Programming with C/C++, Python and Matlab
- Programming with machine learning tools (Tensorflow, OpenCV)
- Knowledge in deep learning, signal processing and optics
- TOEFL 105

## EXTRA-CURRICULAR PRACTICES

**Tsinghua Astronomy Society** - Vice President

- Head of school observatory
- Actively organized and participated in astronomy observation activities
- Organized astronomical popularization summer camp for junior high students in Guizhou and Xizang, China

## INTERESTS

**Astronomy & Astro-Physics**

**Sports:** Basketball & Jogging