

# Chen Li

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## CONTACT INFORMATION

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Department of Physics, Wuhan University, 430072

## EDUCATION

**Wuhan University**  
Expected B.S. in Physics, current GPA: 3.82/4.00 Sep 2020 - present

## PUBLICATIONS

C. Li, H. Cai, X. Y. Jiang. Refine Neutrino Events Reconstruction with BEiT-3[[J](#)]. arXiv preprint [arXiv: 2308.13285](https://arxiv.org/abs/2308.13285), 2023. (submitted to *Review of Scientific Instruments AIP Publishing*)  
C. Li, H. Y. Ma, X. Y. Jiang. Modification on refitting ammeter using compensation method[[J](#)]. (in Chinese, submitted to journal)

## PROJECTS

**ISeeCube** Aug 2023  
Neutrino Events Reconstruction with Transformer. When having relatively same amount of total parameters, it outperform other Transformer models. [[code](#)]  
**Chinese translation of PEP 8** May 2023  
Get familiar with Python syntax and, weirdly, Markdown indentation. [[code](#)]  
**Dr. Slidelove** Apr 2023  
Write in Markdown, then present with offline HTML pages. [[code](#)]  
**Reproduce the X-ray variability of a microquasar** Dec 2022  
Use Python to solve stochastic differential equations and visualize the result. [[code](#)]

## TEACHING EXPERIENCE

**Teaching Assistant**  
Wuhan University Sep 2023 - present  
Introductory Machine Learning. I mainly teach how to write Machine Learning code in practice and answer questions from students. [[slides](#)]  
Adviser: Prof. XianYang Jiang

## WORKING EXPERIENCE

**Class President**  
University of Cambridge Aug 2022  
Introductory Astronomy. I mainly organize class affairs, communicate with the teacher and write preview notes before lectures. Presentation from our group can be found [here](#).  
Adviser: Dr. Matthew Bothwell

## HONORS AND AWARDS

Academic Scholarship, Wuhan University 2021, 2022, 2023  
First Prize, Third Wuhan University College Student Academic Forum 2021

## COMPUTER SKILLS

Familiar: Python, Markdown,  $\text{\LaTeX}$   
Getting familiar: Mojo, Rust, C++, R, HTML, CSS