

Chen Li

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
Statistics is an amazing subject that changed my opinion on a lot of things, and I got a 96/100 in Statistics, and 97/100 in Statistical and Thermal Physics. I'm also interested in ODEs (95/100) and Computational Physics (96/100), thus I did a project reproducing X-ray variability of a microquasar by solving ODEs, see below.

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. (preprint)

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. It has the potential to reach state-of-the-art and lines of code drop sharply by about 80%. Available [here](#).

Chinese translation of PEP 8

May 2023

Get familiar with Python syntax and, weirdly, Markdown indentation. Available [here](#).

Dr. Slideloze

Apr 2023

Write in Markdown, then present with offline HTML pages. Available [here](#).

Reproduce the X-ray variability of a microquasar

Dec 2022

Use Python to solve non-linear ODEs and visualize the result. Available [here](#).

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 are available [here](#).
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, \LaTeX
Getting familiar: Mojo, Rust, C++, R, HTML, CSS