

Po-Yi Lin | Curriculum Vitae

- No. 1, Sec. 4, Roosevelt Rd, Taipei, Taiwan (ROC) ✉ b10202058@ntu.edu.tw

EDUCATION

Bachelor of Science, Physics
National Taiwan University (NTU)

Sept., 2021 - July, 2025
Taipei, Taiwan

EMPLOYMENTS

Research Assistant
Institute of Mathematics, Academia Sinica

Aug., 2025
Taipei, Taiwan

Undergraduate Researcher
Data-Intensive Astro Lab, Institute of Astrophysics, NTU

June, 2022 - Jan., 2024
Taipei, Taiwan

SKILLS

Programming: Python

PROJECTS

Information efficiency of *E. coli*
Study the movement of *E. coli* from a statistical mechanics viewpoint.
Mentor: Prof. Cheng-Hung Chang

Dec., 2024 - Present

Constraining the physical properties of the CGM with high-resolution spectra
Developed a state-of-the-art method to quantify high-resolution galaxy spectra in the era of big data.
Mentor: Prof. Ting-Wen Lan

Jan., 2022 - Jan., 2024

CONFERENCES & SUMMER SCHOOL

Taipei Astronomy Workshop
Presented my research.

Jan., 2024
Taipei, Taiwan

International summer school on nonstationary time series analysis for biomedical artificial intelligence
Learned time series analysis.

June-July, 2025
Taipei, Taiwan