



XiuYi Cheng

Undergraduated student majoring in Biology

- ▶ University of Chinese Academy of Sciences(UCAS) in BeiJing
- ▶ Chinese-Han
- ▶ Bachelor

Working Skills

LaTeX/Markdown Mastered

Web development 1.5+ yrs.

Coding Ability

Python 1+ yrs.

R 1.5+ yrs.

Matlab 0.5+ yrs.

Experimental skills

Normal Bio-experiment Skillfull

Electrophysiology/
Anatomy Learned

Language learning

Chinese 20+ yrs.

English 15+ yrs.

Français 0.5+ yrs.

Biography

Hello! I am an undergraduate student at the School of Life Sciences, University of Chinese Academy of Sciences (UCAS), currently in my final year. My academic focus has long been centered on Neuroscience and Brain science, during which I have gained hands-on experience with key experimental techniques such as electrophysiology and optogenetics. Beyond Biology, I also have a strong interest in Physics, particularly Astrophysics. I have taken a number of advanced courses in related fields, and have explored topics spanning Astronomy, Artificial Neural Networks, and Computer Vision.

In Spring 2024, I participated in the National-level Undergraduate Innovation and Entrepreneurship Training Program with a research project in astronomy. The project was awarded a 40,000 RMB research grant, and after sustained effort, our team successfully completed the study. A research paper based on the project has been prepared for submission, with myself listed as the third author.

In Spring 2025, I served as the principal investigator of a new project supported by the Qiyang Undergraduate Research Initiative under the Beijing Natural Science Foundation. Collaborating with Prof. Guangwei Si's lab at the Institute of Biophysics, Chinese Academy of Sciences, the project received a 50,000 RMB grant and is expected to be completed within one year. Through these research experiences, I have developed a solid foundation in experimental design, data analysis, and interdisciplinary collaboration, and I am motivated to continue exploring the frontiers of life science and astrophysics.

Anyway if you want to see more about me, welcome to visit my personal blog

Research experience

Visiting study

09/2022

Department
Institute of Biophysics, Chinese Academy of Sciences
(No. 15, Datun Road)

A one-day visit and study was conducted at the Institute of Biophysics, Chinese Academy of Sciences.

Visiting study

05/2023

Department
Beijing Sinovac Biological Products Co., LTD

I visited Sinovac Biotech Co., Ltd. in Beijing for a half-day visit and study.

Visiting study

07/2023

Department
Center of Excellence for Brain Science and Intelligence
Technology, Chinese Academy of Sciences

I visited the Center of Excellence for Brain Science and Intelligence Technology, Chinese Academy of Sciences in Shanghai for a ten-day visit and study.

Visiting study

10/2023

Department
Xinglong Observation Base of National Astronomical
Observatories, Chinese Academy of Sciences

I visited the Xinglong Observation Base of the National Astronomical Observatories, Chinese Academy of Sciences. for a two-day visit and study.

Education

XX/XXXX - XX/XXXX

Management Information Systems (M.Sc.)

University of ???

Field 1 Field 2

Master's thesis: „title of Master's thesis“.

08/2022 - Today

Undergraduated student majoring in Biology

University of Chinese Academy of Sciences

Neuroscience Astrophysics

Bachelor's thesis: NULL „“.

Interests

- ▶ Camp
- ▶ Stargaze
- ▶ Travel
- ▶ Read
- ▶ Bicycling
- ▶ Swim
- ▶ Ski

Contact

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🏠 My blog

🌐 github.com/Nimbusaina

in LinkedIn.com/ (Xiuyi Cheng)

Visiting study

Department

Institute of Chemistry Chinese Academy of Sciences

I visited the Institute of Chemistry Chinese Academy of Sciences for a half-day visit and study.

Scientific research internship

Department

Institute of Biophysics, Chinese Academy of Sciences

(No. 15, Datun Road)

I visited the Institute of Biophysics, Chinese Academy of Sciences for a one-month scientific research internship.

Participated in the National-level Undergraduate Innovation and Entrepreneurship Training Program

Department

University of Chinese Academy of Sciences & National Astronomical Observatory of China

As a project participant, I took part in the Undergraduate Innovation Project of the University of Chinese Academy of Sciences (national-level) "Research on the Habitability of Exoplanets in the Sun's Neighborhood Based on Statistical Analysis", which focused on the influence of irradiated fluxes and stellar magnetic activities on the habitability of exoplanet environments. As the third author, I participated in the completion of the project content. The project is about to be concluded and one paper has been produced, which is currently under review.

Visiting study

Department

Peking University

I went to Tang Shiming's research group at Peking University for a one-day visit and study.

Scientific research internship | Project leader

Institute of Biophysics, Chinese Academy of Sciences

(Si Guangwei's Research Group)

University of Chinese Academy of Sciences

Participate in scientific research internships and gradually promote the "Qiyang" project.

Publications

- No published article temporarily

Lorem, 6th June 2025

XiuYi Cheng

01/2024

07/2024

06/2024 - 05/2025

03/2025

03/2025 - today