



Hugo ChunHo Lin

XinYi, Taipei, Taiwan.

Major: Dept. of Atmospheric Science, NCU.

Minor Specialty: Dept. of CSIE, NCU.

Program: Interdisciplinary AI Program, NCU.

+886-909-001068

hugo970217@gmail.com

lcho0127@g.ncu.edu.tw

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EDUCATION

•National Central University

Sep. 2020 - present

Bachelor scholarship

- Mater: Department of Atmospheric Science
- Specialty Minor: Department of Computer Science & Information Engineering
- Program: Interdisciplinary AI Program

WORK EXPERIENCE

•Teaching Assistant

Aug. 2022 - present

Teaching Assistant in the course "Freshman English", NCU.

•Website Administrator

July. 2022 - Jan. 2023

Manage the data in website, server maintenance, the center for Teaching Education, NCU.

•Teaching Assistant

Feb. 2021 - Jun. 2021

Teaching Assistant in the course "Student Service-Learning", NCU.

EXTRACURRICULAR ACTIVITY

•NCUFresh Team(NCUBlog)

Dec. 2021 - Jul. 2022

Website developer team for the incoming freshmen admitting to NCU.

- The essential experience of manage larger projects with teammate.
- Frontend skills: UI/UX, Figma, Vue.js.
- Teamwork: leadership, meeting arrangement, facilitating communication, project demo.
- Marketing: increase social media reach, content of films and articles.

•Co-captain(Basketball Team)

Aug. 2022 - present

Basketball Team Co-captain in my department, Dept. ATM, NCU.

PROJECTS(ML)

•CNN Handwriting Detection

Jun. 2022

A CNN-driven method for detecting and classifying handwriting.

- The first project of neural network.
- Test Accuracy: Up to 97.12%
- What I have done:

•Rainy Percentage Prediction

Jun. 2022

ML-based estimation of the chance of rainfall.

- Combine the Atmospheric Science with AI(tradition v.s. technology).
- Exploring how the new capabilities of AI will change the future of rainfall prediction.
- What I have done: Data mining(20 yrs), model training, represent results on web(python flask).

RESEARCH INTERESTS

•Computer Science

OS, Programming Language, Algorithm, Parallel Computing.

•Atmospheric Science

With ML method to improve Numerical Weather Prediction, automation in meteorology.

TECHNICAL SKILLS

Languages: Python, c/c++, Java, Assembly, JavaScripts, LaTeX, etc.

ML/DL: Tensorflow, Scikit-learn, Numpy, Pandas, Polars, PyTorch, etc.

Developer Tools: VSCode, Vim, Pycharm, Jupyter notebook, etc.

Cloud/Databases: Colab, AWS, MySQL.

Soft Skills: Git, GUI, line bot, blog.

Coursework: More Information on my GitHub or my Project Website.