



Hugo ChunHo Lin

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Major: Dept. of Atmospheric Science, NCU.

Minor Specialty: Dept. of CSIE, NCU.

Program: Interdisciplinary AI Program, NCU.

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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: scheduling a meeting, facilitating communication, project demo.
- Marketing: increase social media reach, content of films and articles.

PROJECTS(ML)

•CNN Handwriting Detection

Jun. 2022

A CNN-driven method for detecting and classifying handwriting.

- Tools & technologies used: python, tensorflow, keras.
- Test Accuracy: Up to 97.12%
- The first project of neural network.

•Rainy Percentage Prediction

Jun. 2022

ML-based estimation of the chance of rainfall.

- Tools & technologies used: python, sklearn, seaborn.
- Combine the Atmospheric Science with AI(tradition v.s. technology).
- Exploring how the new capabilities of AI will change the future of rainfall prediction.

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

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

ML/DL: Linear Regression, Random Forest, Policy Gradient, CNN, DNN, 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.