Hugo ChunHo Lin

XinYi, Taipei, Taiwan.
Major: Dept. of Atmospheric Science, NCU.
Minor Specialty: Dept. of CSIE, NCU.
Program: Interdisciplinary AI Program, NCU.

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in Hugo ChunHo Lin

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.
 – Manage website data and maintain the server.
 – Launch a project aimed at developing a system to manage and track student progress.

•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.
 – Teamwork: leadership, meeting arrangement, facilitating communication, project demo.
 – Marketing: increase social media reach, content of films and articles.

•NCUAPP Team *Mar. 2023 - present*

Make NCU better, NCU.

•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: Solve overfitting, practice building types of layer.

•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: Keras, Tensorflow, Scikit-learn, Numpy, Pandas, 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 Personal Website.