

Hugo ChunHo Lin

Targeting a Summer SWE internship position from 2023.07-2023.08

XinYi, Taipei, Taiwan.

Major: Dept. of Atmospheric Science, NCU.

Minor Specialty: Dept. of CSIE, NCU.

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1chooo's Portfolio

1chooo

Hugo ChunHo Lin

EDUCATION

- National Central University

Sep. 2020 - present

Junior Student who possesses a true passion for the CS field.

- Major: Department of Atmospheric Science
- Minor: Department of Computer Science & Information Engineering
- Course: Alg, DS, Assembly, PPL, Digital Design, Weather and AI, etc.

WORK EXPERIENCE

- National Central University

- Teaching Assistant, Course: Freshman English.

Aug. 2022 - present

Design a lesson that will allow us to interact with students entirely in English.

Stay up-to-date with the latest global developments and trends.

- Teaching Assistant, Course: Student Service-Learning.

Feb. 2021 - Jun. 2021

Led beach cleaning initiative to promote environmental awareness and conservation efforts

Created Earth Science education program for elementary schools.

- Center for Teaching Education, NCU

- Website Administrator

July. 2022 - Jan. 2023

Manage website data and maintain the server.

Launch a project aimed at developing a system to manage and track student progress.

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 teammates.
- 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(UI/UX & Marketing)

Mar. 2023 - present

The app developer team opens to all members of the NCU community.

- The crucial experience managing existing projects with teammates to ensure that all functions are fully developed.
- Frontend skills: React Native, UI/UX, Figma.
- Marketing: product listings, map functionality, daily scheduling.

- Co-captain(Basketball Team)

Aug. 2022 - present

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

PROJECTS(ALL AVAILABLE IN GITHUB)

- Leftovers Ordering System

Mar. 2023

Develop an online ordering system for leftovers using a real-time LINE BOT.

- Developed a Python Flask-based ordering system that integrates with various services, including providing functionalities for adding items and placing orders.
- What I have done: Developed a drama on LINE BOT and implemented databases using MySQL and servers. Created APIs to connect clients and the server using the Flask framework.

- Workout App

Jun. 2022

A workout tracking application to the fitness novice.

- Using the JavaFx framework to practice connecting the frontend and backend.
- Gained knowledge of object oriented programming to design an application.
- What I have done:
 - Created a UI that helps improve users scheduling.
 - Build the function to record users' exercise performances.

- Rainy Percentage Prediction

Jun. 2022

ML-based estimation of the chance of rainfall.

- Integrate Atmospheric Science with AI(tradition v.s. technology).
- Investigate how the latest advancements in AI can revolutionize the accuracy and efficiency of rainfall prediction.
- What I have done: Data mining(20 yrs), model training, represent results on web(python flask).

RESEARCH INTERESTS

- **Fooling and misleading AI/ML to believe some benign devices are malicious ones.**

Advisor: Dr. Fu-Hua Hsu.

- **Use ML/DL to improve the analysis in meteorology with Data Bank for Atmospheric & Hydrologic Research.**

Course: Weather and Artificial Intelligence II.

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.

ACHIEVEMENTS

- **TOEIC 690**

Mar. 2023

Listening: 355; Reading: 335

- **NCUFRESH Certificate**

Sep. 2022

Successfully assisted campus condeling work.