Hugo ChunHo Lin

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EDUCATION

- **National Central University** *Sep. 2020 - present*

Atmospheric Science, Computer Science & Information Engineering

- **Relevant Courses:** The Attack and Defense of Computers, Principles of Programming Languages, Computer Network, Algorithmics, Data Structures, Assembly Language and System Programming, Degital Design.

PROFESSIONAL EXPERIENCE

- **Amazon Web Services (AWS)** *Aug. 2023 - present*

Cloud Student Ambassador - Technical Support

- **Pegatron Corporation** *Jul. 2023 - Aug. 2023*

Software Engineer Summer Intern Smart Robot, Smart World

- Prompt-based Learning for manipulating with the Visual-World Robot.
- By employing Prompt Engineering, I have increased support from 6 to 11 scenarios, a **83%** improvement.
- The model accuracy has increased to **80%** and now supports four objects, up from two.

- **National Central University**

Teaching Assistant (Four courses), Website Administrator

- **Course:** Programmiing Python, Weather and Artificial Intelligence, Freshman English, Student Service-Learning.
- Launch a project for student progress tracking, scalable to support 100 concurrent users online.

COMMUNITY & LEADERSHIP

- **NCUFresh: Provide freshmen a preview of diverse university life!** *Dec. 2021 - Jul. 2022*

Website UI/UX developer, Marketing Support 🐙 NCU Fresh | 🖥️ NCUBlog

- Curated **50 articles** across fun, talk, life, and story themes.
- Achieved an average of **1,000 views** per article within the first month.
- Frontend skills: Vue.js, UI/UX, Figma.

- **NCUApp: Hope to make National Central University great again!** *Mar. 2023 - present*

APP UI/UX developer, Marketing Support 🐙 NCUAppTeam

- Guided team in Figma for collaborative style template design.
- Frontend skills: React Native, UI/UX, Figma.

SELECTED PROJECTS

- **SIMPLE AI: Multi-User Machine Learning Education Platform** *Aug. 2023 - present*

Software Developer, Product Manager 🐙 SIMPLE AI | 🖥️ SIMPLE AI

- Pioneering a **no-code, multi-user** machine learning teaching platform.
- Applied in **two courses** as a TA: Programming Python and Weather & AI.

- **Evolving Beasts: Deep Learning Recycling Material Identification Platform** *May. 2023 - Aug. 2023*

Software Developer, Data Collecting, Model Training 🐙 Evolving Beasts

- Gain **up to 100 concurrent users** on launch day.
- Recognizes PET bottles, aluminum foil packaging, and paper utensils with 95% accuracy.
- Secured **second place** and **a sustainability special award** in the "Weather Hackathon Competition."

- **BearBearYou: Campus Guide with AWS S3 and Recognition** *Apr. 2022 - Jun. 2022*

Software Developer, Data Collecting 🐙 BearBear You

- Training Model with Amazon Recognition and storing training data to AWS S3.
- Integrating with Line BOT using **Python Line Bot SDK and Flask**.
- Create an engaging storyline or narrative that enhances user interaction and exploration of the Central Campus.

TECHNICAL SKILLS

- **Programming Languages**: Python, c/c++, Java, Assembly, Go, JavaScripts, etc.

- **Machine Learning/Deep Learning**: Langchain, Keras, Tensorflow, Scikit-learn, Numpy, Pandas, etc.

- **DevOps**: AWS, Git, Docker, Bash, Linux, GitHub Action, GitLab, etc.