Hugo ChunHo Lin

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EDUCATION

- **National Central University** *Sep. 2020 - present*
Atmospheric Science, Computer Science & Information Engineering 📍 Taoyuan, Taiwan
  - **Relevant Courses:** The Attack and Defense of Computers, Principles of Programming Languages, Computer Network, Algorithmics, Data Structures, Assembly Language and System Programming, Degital Design.
  - **TA:** Programmiing Python, Weather and Artificial Intelligence, Freshman English, Student Service-Learning.

PROFESSIONAL EXPERIENCE

- **Cloud Ambassador Technical Support, Amazon Web Services** | 📍 Taipei, Taiwan *Aug. 2023 - present*
  - Educated **700+** cloud developers and achieved 96% of user satisfaction by publishing and lecturing **2+ technical workshops, 1 UAD** on AWS cloud computing services (**Lex, Amazon S3, Lambda, API Gateway**).
  - **Develop** an **open-source** project called "**AWS 101 LINE Bot**" designed for integration with **AWS 101**. This initiative led to contacting **LINE Company** and securing the opportunity to organize a visit to the company.
  - **Technical Support** within the **Marketing Program** enhances the technical understanding of marketing team members. This involves a detailed **35+ page** research study accompanied by a comprehensive presentation.

- **Software Engineer Intern, Pegatron Corporation** | 📍 Taipei, Taiwan *Jul. 2023 - Aug. 2023*
  - **Smart Robot, Smart World:** Prompt-based Learning for manipulating with the Visual-World Robot.
  - Implementing **Prompt Engineering and LangChain** allows the **NVIDIA Ominerve visual robot** to function through **speech or text**, leading to an **83%** improvement in scenario test support across **6 to 11** scenarios.
  - During the **Proof of Concept (POC)** phase, transform the trained model into a **Web Application** with a user interface using **Gradio**, the UI toolkit for the **FastAPI** framework.

- **Website Administrator, National Central University** | 📍 Taoyuan, Taiwan *Jul. 2022 - Jan. 2023*
  - 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
  - Lead 5 members Team to develop a cross-platform APP for NCU students.
  - Guided team in Figma for collaborative style template design.

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 and Articial Intelligence.
- **1chooo Jarvis: Daily workflow tracker with LINE BOT, AWS, LLM.** *Nov. 2023 - present*
Software Developer, Cloud Development, LLM ⌨ 1chooo Jarvis | 🖥 1chooo Jarvis
  - Combining textbffitness, to-dos, savings, and journaling functionalities, providing monthly feedback.
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- **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."

TECHNICAL SKILLS

- **Programming Languages**: Python, Go, c/c++, Java, JavaScripts, LaTex.
- **Libraries/Frameworks**: Langchain, Keras, Tensorflow, Scikit-learn, ReactJS, Numpy, Pandas, etc.
- **Machine Learning/Deep Learning**: Classification(Random Forest, KNN, SVM), CNN
- **DevOps**: AWS, Git, Docker, Bash, Linux, GitHub Action, GitLab, etc.