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

- Amazon Web Services (AWS) *Aug. 2023 - present*
Cloud Student Ambassador - Technical Support Taipei, Taiwan

- Pegatron Corporation *Jul. 2023 - Aug. 2023*
Software Engineer Summer Intern Taipei, Taiwan
- **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 *Jul. 2022 - Jan. 2023*
Website Administrator Taoyuan, Taiwan
- 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 and Articial Intelligence.

- 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.