

# 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, Digital Design.
  - **TA:** Programming Python, Weather and Artificial Intelligence, Freshman English, Student Service-Learning.

## PROFESSIONAL EXPERIENCE

- **Cloud Ambassador, Amazon Web Services (AWS)** | 📍 Taipei, Taiwan Aug. 2023 - present
  - Cloud Student Ambassador - Technical Support
- **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.
  - 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.
- **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
  - 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 Artificial 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, Go, c/c++, Java, JavaScripts, LaTeX.
- **Libraries/Frameworks:** Langchain, Keras, Tensorflow, Scikit-learn, Numpy, Pandas, etc.
- **Machine Learning/Deep Learning:** Classification(Random Forest, KNN, SVM)
- **DevOps:** AWS, Git, Docker, Bash, Linux, GitHub Action, GitLab, etc.