JU-SHEN HUANG

B.S. IN IM, NCU | FINCTORY

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EDUCATION

National Central University   📍 **Taoyuan, Taiwan**
Bachelor of Information Management   **Sep. 2022 - June 2026 (exp.)**
- **GPA** 4.19/4.3

TECHNICAL SKILL

- **Programmings**: Python (primary), C/C++, JavaScript, Java, Dart, PHP
- **AI/LLM**: Langchain, LangGraph, PyTorch, TensorFlow, Scikit-learn, Selenium
- **Web Dev**: HTML, CSS, Nuxt.js, FastAPI, Node.js, MySQL, PostgreSQL, Redis
- **Cloud & DevOps**: Azure, Heroku, Docker, Git, Linux

PROFESSIONAL EXPERIENCE

Finctory
Chief Technology Officer   **Apr. 2024 - Present**
- Led the engineering team in cross-department collaboration to analyze system requirements, design, and rapidly build an MVP—resulting in notable competition wins.
- Implemented agile methodologies, securing seed-team acceptance at the Taoyuan Youth Innovation Base, and validating the startup's innovative strategy.

National Central University Counseling Center
Deputy Director of 2024 NCU Fresh Web   **Oct. 2023 - Dec. 2024**
- Coordinated with campus offices to compile essential registration, course, and housing information for the Fresh Web platform, managing a 30-member team and successfully launching a site that served over 1,000 freshmen.
- Led the executive team to integrate innovative features—a pixel-style RPG campus map and an AI chatbot—that boosted user engagement by 35% and garnered positive feedback from over 90% of surveyed users.

NCU Graduate of Institute of Learning and Instruction
Network Engineer   **Dec. 2023 - Sep. 2024**
- Dismantling and reassembling host machines to diagnose and fix hardware issues resulted in a 40% reduction in network downtime.
- Managing a critical WordPress site hosted on a virtual machine through routine updates improved load speed by 50%.

SELECTED PROJECTS

Invoice Doctor
Full-Stack AI Developer   **Dec. 2024 - Present**
- Developed to boost financial literacy among young users, this system automates invoice classification, delivers intelligent customer support, and offers real-time price comparisons using LLM and a multi-agent framework.
- Led the integration of FastAPI (backend) with Nuxt.js (frontend) and LangChain-based AI modules, resulting in streamlined data processing and enhanced personalized financial insights.

SELECTED PROJECTS

PhishForge

Backend AI Developer   **Sep. 2024 - Dec. 2024**

- The system is tasked with automating realistic phishing simulations for cybersecurity training. It developed backend services using FastAPI and integrated Gemini via LangChain to generate customized phishing emails and replica websites, resulting in enhanced training fidelity.
- Faced with rapid iteration requirements, containerized backend services with Docker were deployed on AWS ECS with integrated logging, ensuring continuous updates and real-time monitoring that streamlined security assessments.

Cow of Answer

Project Manager | Full-Stack Developer   **Mar. 2024 - May 2024**

- A gamified, interactive web platform designed to provide motivational content and alleviate user stress by delivering engaging features such as user authentication, achievement tracking, and leaderboards.
- Built using Nuxt3 with TailwindCSS for a responsive, visually appealing front-end, and PHP/Laravel for a secure back-end. It leverages MySQL and Redis for efficient data management and caching and is deployed on Nginx to ensure high performance and seamless scalability.

COMPITITIONS

- **2025 TSMC IT CareerHack - Disruptive Innovation in AI Era**   **Feb. 2025**
  - AIOps Toolkit Category - **1st place**
  - TSMC is one of the global leaders in semiconductor manufacturing.

- **2024 International ICT Innovative Services Awards**   **Nov. 2024**
  - Cybersecurity Application Category - **1st place**
  - Information Application Category IP-06 - **Honorable mention (4th place)**

- **2024 Taiwan Digital Innovation Awards**   **Nov. 2024**
  - Digital+ Category - **1st place**
  - Held by the Bureau of Industrial Parks, Ministry of Economic Affairs.

RESEARCH EXPERIENCE

- **LAK25 Practitioner Chairs**   **Nov. 2024**
  - Leveraging Knowledge Graphs and Large Language Models to Track and Analyze Learning Trajectories

- **NSTC College Student Research Scholarship**   **July 2024 - Feb. 2025**
  - Stock Tracking System Integrating Stock Market Anomaly Indicators and Generative AI

ADDITIONAL INFORMATION

- **Languages**
  - Mandarin (Native)
  - English (TOEIC: 835/990)

- **Awards**
  - Academic Excellence Award * 1
    - top 5% of the class in the semester
  - College of Management Dean Award * 1
    - top 5 of the class in the year