

# Titus Hsu

*Full Stack Engineer | On-Chain Data Analyst | Web3*

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## **Qualification Summary**

1. People-driven full-stack developer with strong communication and stakeholder collaboration skills, adept at proactively bridging engineering, product, and user needs.
2. Delivered strategic insights for Web3 ecosystems on user retention and growth by analyzing on-chain activity (UAW/TVL), leveraging skills as an IBM Certified Data Scientist.
3. Trilingual communicator fluent in Mandarin (native), Japanese (JLPT N1), and English (TOEIC 825), enabling effective collaboration in multicultural environments.

## **Skills**

- **Programming Languages:** C++, Python, R, PHP, JavaScript (Vue.js), SQL
- **Data Analysis:** Python (pandas, NumPy, scikit-learn), Statistics, A/B Testing, TF-IDF, Clustering (DBSCAN), Regression, ANOVA, SEM (Structural Equation Modeling), Data Visualization (matplotlib, seaborn), SPSS

## **Work Experience**

**05/2025 – NOW | Might DAO, Taipei, Taiwan**

### ***Data Analyst***

- Conducted in-depth on-chain analysis of L2 ecosystems and airdrop campaigns, delivering regular reports with actionable user retention and market growth strategies.
- Actively engaged in Web3 X (Twitter) Spaces to share data-driven insights, connect with industry leaders, and track emerging market trends for the DAO.
- Contributed analytical findings to the DAO community, fostering data-informed discussions and supporting the organization's strategic decision-making process.

## **07/2024 – 06/2025 | Gamesofa Inc., Taipei, Taiwan**

### ***Full-Stack Engineer***

- Developed and maintained front-end (Vue.js) and back-end (PHP, MySQL) systems for online gaming platforms, improving system stability and user experience.
- Collaborated with PMs and web animation specialists to continuously optimize game interfaces and enhance the interactive user experience.
- Delivered a successful project that significantly boosted company revenue, working closely with PMs to iteratively improve features throughout the development cycle.

## **11/2023 – 06/2024 | KAIWEI Information Co., Ltd., Taipei, Taiwan**

### ***Backend Engineer***

- Designed backend modules in C++ for high-performance systems with efficient memory handling and inline optimization.
- Applied OOP and STL concepts to improve legacy codebase readability and performance.
- Collaborated with QA and DevOps teams for CI/CD integration and deployment testing.

## **09/2021 – 08/2023 | National Taiwan Normal University, Taipei, Taiwan**

### ***Graduate Researcher & Lab Network Administrator (Master's in Computer Science)***

- Built a system to detect abnormal user activities by collecting and analyzing log data; used machine learning to group and identify unusual patterns.
- Organized and analyzed over 3,000 data entries; used Python tools to transform technical records into actionable insights.
- Mentored junior teammates on setting up systems and solving basic technical issues; ensured that lab computers and internet stayed up and running smoothly.

## **2020 – 2023 | Private Tutoring & Freelance Translation**

### ***Tutor & Japanese Translator***

- Taught junior high students in math, science, and language in 1-on-1 and 1-on-2 settings.
- Provided Japanese-to-Chinese translation and proofreading for a Japanese music group, maintaining consistent terminology and tone.

### **Educational Background**

#### **National Taiwan Normal University, Taipei, Taiwan**

Double Master's Degree in Computer Science, Health Promotion & Health Education, 2023

#### **National Taiwan Normal University, Taipei, Taiwan**

Bachelor's Degree, Health Promotion and Health Education, 2020

### **Top Skills:**

Full-Stack Development, Data Analysis, Interpersonal Communication