

# Owen Wu

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## Education

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National Taiwan University of Science and Technology, B.S. in Computer Science and Information Engineering (CSIE) Sep 2023 – Present

## Work Experience

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Blockchain R&D Intern (Promoted to Blockchain R&D Engineer in Mar 2024), Blockchain Security – Taipei, Taiwan Feb 2024 – Apr 2025

- Extended the company's ETL-based blockchain parser to support the OMNI chain, integrating Neo4j and Node-RPCs to enable high-frequency on-chain data ingestion.
- Designed and prototyped a cross-chain transaction tracking module within the ETL framework to infer token flows directly from on-chain data, reducing dependency on third-party bridge APIs.
- Rapidly onboarded to the CIB's cryptocurrency tracing system under resource constraints, delivering frontend and backend features to improve data visualization and user interaction.
- Represented the company in the ScanCTF competition, using internal tools and graph-based methods to trace multi-chain transactions.
- Implemented an on-chain certificate issuance feature for the government blockchain education platform B-Jade.

System Operations and Maintenance Assistant, NTUST Library – Taipei, Taiwan Nov 2023 – Apr 2024

- Performed security assessments on internal library systems, identifying and mitigating vulnerabilities across multiple web-based services.
- Refactored legacy codebases and developed new service modules to improve maintainability, reliability, and user experience.
- Contributed to full-stack development using PHP, Laravel, Nest.js, React, Vue.js, and MySQL.

## Other Experience

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Vice President / Public Relations, NTUST Cybersecurity Research Club Sep 2023

- Redesigned club activities and public relations strategies, growing membership to over 100 students.
- Developed and delivered introductory web penetration courses to make the club more accessible to beginners.
- Strengthened connections with the broader security community through participation in AIS3 activities and representing the club with a booth at HITCON 2024.
- Co-founded and organized the first TSCCTF, a collaborative CTF event with 13 university security clubs, attracting over 100 participants. Also served as a problem-setter.

Academic Director, NTUST Blockchain Club Sep 2023

Technical Consultant, Student Club's Association of Information in Central Taiwan Nov 2022

President, Student Association of CS Department, TCIVS Sep 2022

## Awards

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3rd Place, SPARKFUL Hack to the Top 2025 Apr 2025

- Built "Juka", an AI-powered app that helps users instantly find companions to redeem group-based deals like buy-one-get-one-free offers and ride-sharing.
- Designed a real-time matching mechanism using GPS and user preferences, enabling spontaneous and contextual group formation.
- Placed 3rd out of 107 teams in Taiwan's largest AI fintech hackathon.

4th Place, AEGIS CTF Competition Nov 2023

4th Place, Mobile Applications Development, National Skills Competition Aug 2022