

# Jhih-Jhong Lin

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## Education

### National Taiwan University

B.S. in Computer Science and Information Engineering (CSIE)

📍 Taipei, Taiwan

2022 - 2026 (Expected)

Cumulative GPA: 4.26/4.3, ranked 7/155 in 2023-2024

**Relevant Courses:** Algorithm Design and Analysis (A+), Quantum Algorithms (A+), Cryptography and Network Security (A+), Post-quantum Cryptography (A-), Programming Language Theories and Type Systems (A+), Compiler Design (A+), Intuitionistic Logic (A+), Formal Methods (A), Formal Languages and Automata Theory (A+), Virtual Machines (A), Intro to Abstract Algebra I (A-)

## Experience & Internship

### Network Security Lab (NSLab), NTU CSIE

Undergraduate Researcher @ Fuzbolic Group, advised by Prof. Hsu-Chun Hsiao

📍 Taipei, Taiwan

Sep. 2024 - Present

Integrating directed fuzzers with recurring vulnerability detection tools.

### Institute of Information Science (IIS), Academia Sinica

Summer Intern/Project Assistant @ Formal Methods Laboratory, advised by Prof. Bow-Yaw Wang

📍 Taipei, Taiwan

Jul. 2025 - Present

Exploring abstract interpretation for verifying floating-point cryptographic programs.

### Network Administration & System Administration (NASA) Team, NTU CSIE

Section Chief/Member @ Wired Team

📍 Taipei, Taiwan

Sep. 2023 - Jun. 2025

Maintained for availability the network infrastructure (esp. switches) in the department.

## Services

### Introduction to Computational Logic

Teaching Assistant of the course instructed by Prof. Bow-Yaw Wang in NTU

📍 Taipei, Taiwan

Fall 2025

### Network Administration and System Administration

Teaching Assistant of the course instructed by Prof. Hsin-Mu (Michael) Tsai in NTU

📍 Taipei, Taiwan

Spring 2025

## In-Class Projects

### An Evaluation on Possibilities of RCE and Defense Mechanism in Electron-Based Applications

**Jhih-Jhong Lin, Gang-Yu Fan, Tsan-Huan Hsu, Yi-Ting Lo**

🔗 [project report](#), Course: Cryptography and Network Security, Instructor: Prof. Hsu-Chun Hsiao

### A Survey of Virtualization-Based Greybox Fuzzers

**Jhih-Jhong Lin, Hsin-Tsen Yang**

🔗 [project report](#), Course: Virtual Machines, Instructor: Prof. Shih-Wei Li

### Integrating CPACHECKER's Symbolic Execution with Likely-Invariant Generator for Grey-Box Programs

**Jhih-Jhong Lin**

🔗 [code \(done in Java\)](#), ↗ [project report](#), Course: Formal Methods, Instructor: Prof. Nian-Ze Lee

## Awards

Dean's List, NTU, Fall 2023

Mar. 2024

Dean's List, NTU, Fall 2022

Mar. 2023

## Skills

**Languages:** Mandarin: Native, English: Advanced in reading & writing, Intermediate in speaking, TOEFL iBT: 103/120

**Programming Languages:** Competent in C & Python & Bash, Some knowledge of C++ & Java & Haskell & OCaml

**Other Tools:** Linux, Git, L<sup>A</sup>T<sub>E</sub>X, Docker, CPACHECKER, CRYPTOLINE

**Games:** Arcaea