

Nguyen Tran Thanh Lam

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[Portfolio](#) | [Blog](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

Nanyang Technological University

Singapore

Bachelor of Computing (Hons) in Computer Science

Jul 2024 – May 2028 (Expected)

- **ASEAN Scholar | Honours (Distinction) | cGPA: 4.4/5.0**
- Relevant focus: Web Security, Software Security, Reverse Engineering, Cryptography, and AI Red Teaming.

SECURITY RESEARCH & VULNERABILITY DISCLOSURE

Independent Security Researcher

May 2026 – Present

- **radareorg (radare2)**: Discovered and reported a **0-day RCE** when loading Pebble/SMD binary (pending CVE assignment).
- **PHP (php-src)**: Discovered and reported an **off-by-one out-of-bounds read/write** in the PHP interpreter; currently under coordinated disclosure (upstream triage and patching in progress).
- **crawl4ai**: Responsibly disclosed **three security advisories (GHSA)** — DoS, an XSS, and a SSRF — in a widely used open-source LLM data-crawling framework (pending CVE assignment).
- **Firecrawl**: Recognized in the Firecrawl Bugcrowd Hall of Fame for reporting vulnerabilities via the official Vulnerability Disclosure Program.
- Independently researching and optimizing **automated vulnerability discovery and cyber reasoning system** — orchestrating AI agents to automate vulnerability discovery, triage, and patching for large-scale bug bounty and open-source hardening.
- Performed a thorough web audit for Adversarial.ai of Taha Karim when his project is in its early phase.

EXPERIENCE

Cyber Research Engineer Intern

Aug 2026 – Dec 2026

ST Engineering

Singapore

- working on adversarial machine learning related topic.

CTF Player

Jul 2025 – Present

PwnSec (CTF Team)

Remote

- Compete regularly in international and regional CTF competitions.
- Collaborate with teammates to strategize and solve complex security challenges under tight time constraints.

IT Intern

May 2025 – Jul 2025

Vietnam Maritime and Waterway Administration (VIMAWA)

Hanoi, Vietnam

- Performed network troubleshooting — identifying and resolving connectivity issues — and participated in IT team meetings on project progress and departmental goals.

Collaboration Manager

Jan 2025 – Jan 2026

Aptos Creature (Web3 / NFT Project)

Remote

- Managed partnerships and outreach across Web3 communities, engaging a Discord community of **5,000+** members and growing the project's ecosystem presence.
- Authored internal documentation and public guides, and built the project's informational website to support onboarding and secure new collaboration partners.

Blockchain Testnet Contributor & Community Tester

2023 – 2025

Movement Labs, Walrus Foundation, METAPIXEL

Remote

- Tested Move-based smart contracts, staking mechanisms, and Web3 game/protocol builds across public testnets; reported bugs and UX feedback ahead of mainnet launches, earning on-chain contributor NFTs and token airdrops.

ACHIEVEMENTS & CTF COMPETITIONS

2nd KasperskyCTF – Regional League: Middle East, Türkiye, Africa	2026
9th Cyber Apocalypse CTF 2026: The Salt Crown	2026
8th SekaiCTF	2026
3rd Global Cyber Skills Benchmark CTF 2026: Project Nightfall	2026
2nd 0xL4ugh CTF v5	2026
8th hxp 39C3 CTF	2025
7th Finals and 9th Qualifiers BlahajCTF (Team Lead)	2025
16tg Neurogrid CTF: Human-Only (Solo)	2025
1st V1t CTF	2025
17th Singapore AI CTF (Team Lead)	2025
6th Securinets CTF Quals	2025
1st MENA & 4th Global CSAW CTF Qualification Round	2025
1st Nullcon Berlin HackIM CTF	2025
1st KasperskyCTF – Regional League: Middle East, Türkiye, Africa	2025

CERTIFICATIONS

BSCP — Burp Suite Certified Practitioner	Sep 2026
CRTP — Certified Red Team Professional	Jan 2026
eJPT — Junior Penetration Tester	Jul 2025

PROJECTS

ManiacLabs <i>Founder, Leadership, Mentoring</i>	Jul 2023 – Present
Founded and lead a private learning community, running tutoring, mock exams, and study plans, and curating resources on admissions, scholarships, and self-learning.	
RentWiseSG <i>Scrum Master, Agile/SDLC, Automated Testing, System Design</i>	Aug 2025 – Dec 2025
- Led a cross-functional team of 6 as Scrum Master to build a property-rental platform, delivering 100% on time via weekly sprints and backlog management. - Architected system flow with UML Sequence & Class diagrams and drove QA with a Jest test suite reaching 95% code coverage on critical backend services.	
Build-To-Order (BTO) Management System <i>OOP, System Design, Documentation</i>	Mar 2025 – Apr 2025
Designed detailed UML sequence diagrams to architect the system logic and documented the codebase with Javadoc, reducing development time for the team.	

TECHNICAL SKILLS

Programming: C, C++, Python, x86 Assembly, JavaScript

Security Tools: IDA Pro, Wireshark, Burp Suite Pro, Visual Studio Code

Domains: Reverse Engineering, Cryptography, Web/Network/Software Security, Vulnerability Research, LLM & AI Security, Machine Learning

Other: Project Management, Technical Documentation, Agile/Scrum, Research & Analysis

Languages: English (Professional), Vietnamese (Native), Chinese (Beginner)