



Dr. Dinh Duc Nha Nguyen (TONY) - [Homepage](#)

I have published eight papers, including six in Q1 journals as the first author in top-tier venues such as TDSC, and one in a B-ranked conference. I have mentored students to publish a high-impact paper and contributed to an Elsevier book chapter. I have received multiple awards for academic excellence, secured a successful grant application, and won an international prize. My teaching roles have been highly rated, with positive feedback from students. I also have extensive experience working with industry partners. My expertise lies in cybersecurity, AI technology, network security, and quantum technology, particularly in machine learning and data science.

WORK EXPERIENCE [Research statement](#)

6.2023 – 11.2024

DEAKIN UNIVERSITY (AUSTRALIA)

ASSOCIATE RESEARCH FELLOW

- Industry project: implement automatically hybrid Quantum Cryptography (PQC) in digital signature in Virtual Private Network.

2.2022 – 6.2023

DEAKIN UNIVERSITY (AUSTRALIA)

RESEACH ASSISTANT & CASUAL TEACHING

- Conducted experiments and worked on publications for multiple projects in AI technology (machine learning models) and cybersecurity (IoT, IDS...).
- Taught three subjects in cybersecurity.

8.2017 – 2.2018

TECH JDI (VIETNAM)

SENIOR TEST ENGINEER

- Delivered V-key platform, resulting in savings of 98K €.

3.2013 – 2.2017

TMA SOLUTIONS (VIETNAM)

TEST ANALYST & NETWORKING SPECIALIST

- Designed and executed test scenarios, test cases, and automated test scripts.
- Set up and configured the network topology for lab.

EDUCATION HISTORY

10.2020 – 6.2024

DEAKIN UNIVERSITY (AUSTRALIA)

DOCTOR OF PHILOSOPHY (CYBERSECURITY)

- [Award](#): School of Information Technology 2022 Student Excellence Award Higher Degree Research.

7.2018 – 7.2020

QUEENSLAND UNIVERSITY OF TECHNOLOGY (AUSTRALIA)

MASTER OF INFORMATION TECHNOLOGY (NETWORKS)

- [Award](#): Awarded Dean's List for excellent academic performance in semester 2 in 2019 and semester 1 in 2020.

TEACHING EXPERIENCES (DEAKIN UNIVERSITY) [Teaching statement](#)

- Cyber Security Management (Satisfaction 100% with [comments](#) from students). [More](#).
- Cyber Security Analytics (Satisfaction 100% with [comments](#) from students).
- Advanced Network Security (Satisfaction 92.9% with [comments](#) from students).

INTERNATIONAL PRIZE

I have received [Third Place](#) in the 2022 [Country to Country \(C2C\) Cybersecurity](#) Challenge hosted by MIT, recognizing my skills in an international cybersecurity competition.

PUBLICATIONS & MENTORSHIP

Visit my [Google Scholar Profile](#) and [IEEE Profile](#) for a complete list of publications (9 papers). I have mentored students to publish a high-impact paper ([IEEE TNSM](#)) and another student to publish an Elsevier book chapter (preliminary acceptance).

CONTACT

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