



## 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. Additionally, I hold professional certificates in cybersecurity (Certified Ethical Hacker) and machine learning (IBM Machine Learning). My expertise lies in cybersecurity, AI technology, network security, and quantum technology, particularly in cybersecurity and data science.

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### 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.

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### 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.

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### 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).

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### 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.

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### 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).

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### CONTACT

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