

# Dr. Dinh Duc Nha Nguyen (TONY) - Research Fellow

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.

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## WORK EXPERIENCE

**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 & TUTOR

- 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)

- Cyber Security Management (Satisfaction 100% with [comments](#) from students).
- 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 TIFS](#)) and another student to publish an Elsevier book chapter (preliminary acceptance).

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## CONTACT

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