

1. Name: Nguyen Thi Khanh Tram

2. Education

Degree	Field	Institution	Year
M.Sc.	Computer Science	University of Engineering and Technology, Hanoi National University	2021-2023
B.Sc.	Information Technology	People's Security Academy	2016-2020

3. Academic experience

Institution	Rank, Title	Year/Period	FT/PT
Phenikaa University	Lecturer	2023-	FT

4. Non-academic experience

N/A

5. Certifications or professional registrations

N/A

6. Current membership in professional organizations

N/A

7. Honors and awards

• Ha Tinh High School for the Gifted in Math-Informatics class:

- Excellent students in 3 consecutive years of High School from 2013 to 2016, graduating with an Excellent diploma for the entire course.

- First prize at the provincial level for Scientific and Technical Innovation for high school students in the 2014-2015 school year with the topic Computer activity monitoring software

- Second prize at the National level of the Vietnam Technical Innovation Fund (VIFOTECH - Vietnam Fund for Supporting Technological Creations - <https://www.vifotec.com.vn/>) school year 2014-2015 according to decision No. 31/QĐ- VIFOTEC on March 9, 2015 with the same topic.

- Third prize at the national level of the Ministry of Education and Training in the Science and Technology competition for high school students in 2014-2015 according to decision No. 659/QĐ-BGDĐT dated March 9, 2015 with the same topic .

- Second prize for excellent students in the Province, Ministry of Education and Training in Informatics in the 2013-2014 school year.

- Intel Vietnam's Best Award in Information Technology (Intel Excellence in Computer Science Award or ISEF Award) in 2015 for students in grades 9-12 nationwide with computer science projects outstanding.

- First prize in the 5th Scientific Creativity Contest for City Youth and Children (2014-2015).

- First prize in the 6th Ha Tinh Province Youth and Children Creativity Competition (2014-2015).

- Dat Hong Lam Study Promotion Award 2014 awarded by the Standing Committee of Ha Tinh Province Study Promotion Association.

- Odonvalet Scholarship for outstanding students with outstanding scientific research achievements nationwide in the 2015 school year.

- Provincial level Encouragement Award in Mathematics organized by the Ministry of Education and Training for the 2015-2016 school year.

- **People's Security Academy: Best graduate in Information Technology major, People's Security Academy.**

- Excellent student for 4 years of study and achieved the title of Excellent student for the entire course from 2017 to 2020.

- Certificate of Merit for Best Student majoring in Information Technology for the entire course 2017-2020 People's Security Academy. Students achieved the highest cumulative average score of 135 credits in the Information Technology major with 7.98 (on a 10-point scale) and 3.31 (on a 4-point scale).

- Received the award of Top 20 Outstanding Female Students Nationally in the field of Science and Technology in 2018 jointly organized by the Central Ho Chi Minh Communist Youth Union and the Ministry of Science and Technology. Records are stored on the Vietnamese young talent database of the Central Ho Chi Minh Communist Youth Union (<http://csdl.tainangviet.vn/>).

- Participated in the project that won the first prize of Scientific Research for students of the People's Security Academy: Understanding the mechanism of spreading false information on social networks and solutions to prevent the 2017-2018 school year.

- Third Prize for Scientific Research in the Vietnam Science and Technology Innovation Competition (VIFOTEC) with the same topic in 2017-2018.

- Certificate of Merit for National Security for exemplary students in the period from 2015 to 2020.

- Individual Encouragement Award in the contest Understanding Cyber Security Law in the 2020 school year at the People's Security Academy.

- Participated in the project Smart system to identify ripe pineapples using Deep Learning in 2020 at the Ministry level of the Ministry of Education and Training.

- Participate in the topic Taking advantage of the multi-level business model using virtual currency and issues raised for the 2020-2021 prevention and control work at the grassroots level of the Ministry of Public Security.

- **Achievements during work and Master's studies**

- November 2021 - November 2022: 1st scholarship for Masters of VinGroup Innovation Foundation (VINIF - Vingroup Innovation Foundation)

- December 2022 - December 2023: 2nd scholarship for Masters of VinGroup Innovation Foundation (VINIF - Vingroup Innovation Foundation)

- November 2022-March 2023: Toshiba Scholarship (Toshiba Scholarship Program, Japan) for Masters and PhD

- Toshiba scholarship (Japan), received VINIF scholarship twice.

- Directly guide students to participate in competitions: Young Informatics, Informatics Olympiad in the Central and Central Highlands regions; 01 Second prize and 01 Third prize at the Science and Technology Innovation contest for young people; 01 third team prize and 01 individual third prize at the City-level contest "I love science - Young technology talent" organized by Hanoi Youth Union.

- Directly participate in training for the national Scratch team and the Robotacon (WRO) competition in August.

- Second prize in the competition to learn about 70 years of traditional days of the Vietnam People's Police force under Ha Tinh Provincial Police.

- Third prize in the audiobook contest at Phenikaa School.

8. Service activities

In 2016 (18 years old) was admitted as a member of the Communist Party of Vietnam. Some typical achievements and activities for Union, Association and Team activities are as follows:

- First prize in folk dance of the People's Security Academy for the 2016-2017 school year
- National Second Prize of the National Television Festival contest for the 2017-2018 school year
- Third prize at the IT Gala of the People's Security Academy for the 2016-2017 school year
- Encouragement Award for the People's Security Academy Camp for the 2016-2017 and 2017-2018 school years
- Certificate of Merit for union activities from the Youth Union of the People's Security Academy.
- Certificate of Merit from the Youth Union of the Department of Cyber Security and Crime Prevention using high technology - Department A05 on the Youth Union's activities in February, March, April 2020
- Join C500 TV Club
- Participate in presentation and teaching activities in IT majors, inspiring high school students at Ha Tinh High School for the Gifted
- Volunteer locally during the Covid-19 epidemic and storms and floods in the Central region in 2020
- Third prize in the competition to learn the history of Thach Ha District Youth Union 2021.
- Participate in the Graceful Ao Dai contest organized by the Ha Tinh Women's Union in 2021

9. Briefly list the most important publications and presentations

- Tram K.T.Nguyen, Son T.Doan, Anh V.Thai, Weapon Detection using Deep Learning, Symposium On Information and Communication Technology (SoICT), 2023
- Son T.Doan, Tram K.T. Nguyen, Anh V.Thai, Swin Transformer for Weapon Detection, Advanced Technologies for Communications (ATC), 2023.
- Tram K.T. Nguyen, Son T.Doan, Weapon Detection with YOLO Model Version 5,7,8, Conference on Information Technology and ITs Application (CITA), 2023.
- Tram K.T. Nguyen, Son T.Doan, A distributed trust framework for online social network, International Conference on Intelligent Systems & Networks (ICISN), 2023.

10. Briefly list the most recent professional development activities

N/A