

# Luong Duc Thuan

AI Engineer

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<https://github.com/chienthan2vn>

Sex: Male | Date of birth: Otc 19 2001

## CAREER GOALS

Short-term: Apply skills and professional knowledge to the position applied and try master the job within 3 months.

Long-term: Become a team leader in job to the field of Artificial Intelligence.

## EDUCATION AND BACKGROUND

5/2019 – 5/2024	<b>Posts and Telecommunications Institute of Technology (PTIT)</b> Major: Bachelor in Electronics and Telecommunications Engineering GPA: 3.26 (top 10/430)
6/2024 – now	<b>Posts and Telecommunications Institute of Technology (PTIT)</b> Major: Master's Computer Science

## SKILLS

<b>Programming</b>	Python, C/C++
<b>Teamwork</b>	Github, Trello
<b>Web</b>	HTML, CSS, JS, Treamlit, Flask, FastAPI
<b>Computer OS</b>	Windows, linux
<b>Language</b>	Have basic English listening and reading skills
<b>Artificial Intelligence</b>	<ul style="list-style-type: none"><li>- Have knowledge of Machine Learning and Deep Learning.</li><li>- Have knowledges Data Structures and Algorithms.</li><li>- Have knowledges Computer Vision, NLP</li><li>- Ability to basic use frameworks such as: tensorflow, keras, torch, scikit-learn, ...</li></ul>

## PUBLICATIONS

1. Hoang, T. M., Nguyen, T. T., Nguyen, H. D., Luong, D. T., & Nguyen, V. S. (2023, September). A Novel DNN-Based IDS System Combined with an LR-GA Method to Detect Attacks. In Proceedings of SAI Intelligent Systems Conference (pp. 212-222). Cham: Springer Nature Switzerland.
2. Thuy, T. T. T., Thuan, L. D., Duc, N. H., & Minh, H. T. (2023, June). A study on heuristic algorithms combined with lr on a dnn-based ids model to detect iot attacks. In Mendel (Vol. 29, No. 1, pp. 62-70).
3. Luong, D. T., Nguyen, M. H., Nguyen, H. D., Thi, T. T. T., Nguyen, N. H., & Hoang, T. M. (2023, December). A Study on the Efficiency of ML-Based IDS with Dimensional Reduction Methods for Industry IoT. In *2023 RIVF International Conference on Computing and Communication Technologies (RIVF)* (pp. 481-486). IEEE.

## CERTIFICATIONS, HONORS & AWARDS

Time	Name certifications
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8/2022	- Kaggle: Intro to Machine Learning <a href="#">link</a> , Intro to Deep Learning <a href="#">link</a> .
10/2022	- Coursera: Convolutional Neural Networks for DeepLearning.AI <a href="#">link</a> .
12/2022	- Certificate Samsung talent program scholarship.
6/2023	- Coursera: Google IT Automation with Python <a href="#">link</a>
6/2024	- Toeic: 650

## WORK EXPERIENCE

6/2021 – now	<b>PTIT</b> <i>Researcher</i> Main responsibilities: Applying AI to R&D
12/2022 – now	<b>Icantech</b> <i>Teacher</i> Main responsibilities: Teaching the basic python & basic algorithms.
2/2023 - 3/2023	<b>Internship at Lumi</b> <i>AI engineer</i> Main responsibilities: Computer vision about Face Recognition on Raspberry.
6/2023 - 9/2023	<b>Internship at Samsung Research Vietnam (SRV)</b> <i>AI engineer</i> Main responsibilities: Deploying text to image systems on web (2 <sup>nd</sup> prize) Main technology: Stable Diffusion, Treamlit
12/2023 – now	<b>Samsung Research Vietnam (SRV)</b> <i>AI engineer</i> Main responsibilities: Research, training LLM model, data preparation, ...

## ACTIVITIES

<b>Working part time</b>	- High school math tutor. - Python programming to children tutor.
<b>Join ICN lab (PTIT)</b>	
<b>Join clubs &amp; extracurricular activities</b>	