

THINH NGO DUY

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EDUCATION

FPT University

Major: Artificial Intelligence

Fall 2019 - Fall 2023

Nguyen Binh Khiem Specialized High School

Major: Information Technology

Fall 2016 - 2019

HONORS AND AWARDS

- **Honorable Mention in the 2022 ICPC Asia Ho Chi Minh City Regional Contest** *2022*
- **Third prize in the 2021 ICPC Asia Hanoi Regional Contest** *2021*
The International Collegiate Programming Contest (ICPC) is an algorithmic programming contest for college students. Teams of three, representing their university, work to solve the most real-world problems, fostering collaboration, creativity, innovation, and the ability to perform under pressure.
- **Third prize in Vietnamese National Olympiad in Informatics in 2019.** *2019*
An annual programming contest held by the Ministry of Education and Training for Vietnamese high-school students. This is the preliminary contest for choosing representatives for the International Olympiad in Informatics (IOI).
- **The competition “North Vietnam informatics” issued by Vietnam Informatics Association.**
 - Third prize in 2018
 - Consolation prize in 2017

PROJECTS

- **Single Image Super Resolution Project** *Fall 2023*
 - Apply Perceptual Loss and Patch-Mosaic data augmentation on HAT (Hybrid Attention Transformer) architecture and deploy web application for SISR (Single Image Super Resolution) task.
 - Languages/Technologies used: Python
- **Snake Deep Q Learning Project** *Spring 2023*
 - Develop additional wall modes to evaluate the effectiveness of each snake’s walking strategy (greedy, hamilton, deep Q-network).
 - Languages/Technologies used: Python
- **Self Driving Car Project** *Summer 2022*
 - Create a mini car product that runs on a 1-lane road with 2 main tasks: lane detection and traffic sign recognition.
 - Languages/Technologies used: Python, C++ (Arduino)
- **OCR (Optical Character Recognition) Project** *2021*
 - Participated in 2 research groups on OCR, working on recognition and output data processing.

- Languages/Technologies used: Python

- **Web & Mobile App Project**

Summer 2021

- The application aims to manage students, while helping students easily access the courses of the teachers.
- Languages/Technologies used: Flutter & Dart

WORKING EXPERIENCE

- **Artificial Intelligence Intern at SoundAI - FPT Software HCMC**

6/2022 - 12/2022

- Collect audio data for the problem of detecting abnormal sounds.
- Research the tasks of the DCASE2022 challenge to find future development directions.

CERTIFICATIONS

- Certificate of Participation in ICPC Asia Ho Chi Minh City Regional *2022*
- Certificate of Participation in Shopee Code League *2022*
- Certificate of Participation in ICPC Asia Hanoi Regional *2021*
- Certificate of Basic training course on Artificial Intelligence in Ho Chi Minh City *2021*
- Certificate of Course Completion Academic Preparatory English issued by FPTU *2020*

Online Courses

- Certificate of Natural Language Processing issued by Coursera *2023*
- Certificate of Big Data issued by Coursera *2023*
- Certificate of Google Project Management issued by Coursera *2023*
- Certificate of Academic English: Writing issued by Coursera *2022*
- Certificate of AI Foundations for Everyone issued by Coursera *2022*
- Certificate of CertNexus Certified Ethical Emerging Technologist issued by Coursera *2022*
- Certificate of Python for Everybody issued by Coursera *2021*

SKILLS

Programming skills: C++, Python, Java, Dart.

Foreign Languages: English, Japanese.