

EDUCATION & TRAINING

Université Grenoble Alpes Master of Science in Informatics (In Progress) Won Master's Scholarship from EFELIA-MIAI for studying in the field of Artificial Intelligence.	Sep. 2024 – Present Grenoble, France
Hanoi University of Science and Technology Engineer's degree Engineer's degree in Information and Communication Technology. Received <i>Best Presentation Award in Thesis Defense</i> award.	Sept. 2015 - Aug. 2021 Hanoi, Vietnam
Bangdung Institute of Technology Exchange program Selected as one of 2 Vietnamese students to participate in the Asia Oceania Top University League on Engineering (AOTULE) Summer Program.	Aug. 2019 Bandung, Indonesia
Tampere University of Technology Exchange program Received ERASMUS+ exchange scholarship for the spring semester of the 2017-2018 academic year.	Jan. 2018 - Jun. 2018 Tampere, Finland
Shibaura Institute of Technology Exchange program Selected as one of 12 HUST students to participate in the Global Project-Based Learning Program.	Aug. 2017 Tokyo, Japan

PUBLICATION

- B. D. Giap, N. S. An, D. Q. Dat “[Machine learning systems for auto-splitting and classifying documents](#)”, **United States Patent and Trademark Office**, Nov. 2023
- N. S. An, P. N. Lan, D. V. Hang, D. V. Long, T. Q. Trung, N. T. Thuy, D. V. Sang "[BlazeNeo: Blazing Fast Polyp Segmentation and Neoplasm Detection](#)", *IEEE Transactions on Parallel and Distributed Systems*, Apr. 2022
- P. N. Lan, N. S. An, D. V. Hang, D. V. Long, T. Q. Trung, N. T. Thuy, D. V. Sang "[NeoUNet : Towards Accurate Colon Polyp Segmentation and Neoplasm Detection](#)", *International Symposium on Visual Computing*, Jan. 2022

WORK EXPERIENCE

akaBot, FPT Corporation <i>AI Engineering Manager</i> <ul style="list-style-type: none"> Managed AI team and launched a product roadmap. Published the first US Patent for the company. Contributed to akaBot's recognition among the top 42 vendors for intelligent document processing by HFS Research; and first-time ranking as a 'Major Contender' in the Everest Group RPA PEAK Matrix. 	Oct. 2022 – Apr. 2024 Hanoi, Vietnam
<i>AI Engineer</i> <ul style="list-style-type: none"> Awarded as “Employee of the year” for releasing akaBot Vision with large scalability that can handle thousands of document extractions per hour. 	Aug. 2021 - Oct. 2022 Hanoi, Vietnam
VinAI, VinGroup Corporation <i>Resident Engineer</i> <ul style="list-style-type: none"> Selected as one of the first 20 resident engineers at VinAI after competing against over 300 other applicants. Developed the road segmentation module and the lane-line classification module for the self-driving car (VinFast). 	Dec. 2020 - Apr. 2021 Hanoi, Vietnam
BKAI, Hanoi University of Science and Technology <i>AI Researcher</i> <ul style="list-style-type: none"> Developed an AI-assisted system for polyp detection and classification, which enable precise localization and low miss rate. Core member of the project; successfully presented the proof of concept and secured sponsorship from Vingroup innovation foundation. 	Dec. 2019 - Dec. 2020 Hanoi, Vietnam