Sy An NGUYEN
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I have worked in the AI field for 6 years, including 3 years in research and 3 years in industry. I am passionate about building products that help people and improve lives. I find AI to be a fascinating field to work in. I have built an AI-assisted medical system and a SaaS AI product to help businesses automate their processes. Currently, I am studying M2 at UGA and aspire to work in France in the future. In my free time, I write blogs and work on side projects..

WORK EXPERIENCE

akaBot, FPT Corporation — Oct. 2022 – Apr. 2024, Hanoi, Vietnam

AI Engineering Manager

- 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.

AI Engineer — Aug. 2021 - Oct. 2022, Hanoi, Vietnam

- Awarded as "Employee of the year" for releasing akaBot Vision with large scalability that can handle thousands of document extractions per hour.

Techstack: AWS Cloud, EKS, Lambda, Docker, Pytorch, Triton Inference Server

VinAI, VinGroup Corporation — Dec. 2020 - Apr. 2021, Hanoi, Vietnam

Resident Engineer

- Developed the road segmentation module and the lane-line classification module for the self-driving car (VinFast).

Techstack: Pytorch, TensorRT, Python, C++

BKAI, Hanoi University of Science and Technology — Dec. 2019 - Dec. 2020, Hanoi, Vietnam

AI Researcher

- 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.

Techstack: Tensorflow, Deepstream, TensorRT, Python, C++

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*

EDUCATION & TRAINING

Université Grenoble Alpes | Master of Science in Informatics (In Progress) — Sep. 2024 – May. 2025, Grenoble, France

- Won Master's Scholarship from EFELIA-MIAI for studying in the field of Artificial Intelligence.

Hanoi University of Science and Technology | Engineer's degree — Sept. 2015 - Aug. 2021, Hanoi, Vietnam

- Engineer's degree in Information and Communication Technology. Received *Best Presentation Award in Thesis Defense* award.
- Selected as one of 2 Vietnamese students to participate in the Asia Oceania Top University League on Engineering (AOTULE) Summer Program in 2019. — 2019, Bandung, Indonesia
- Received ERASMUS+ exchange scholarship for the spring semester of the 2017-2018 academic year. — 2017-2018, Tampere, Finland
- Selected as one of 12 HUST students to participate in the Global Project-Based Learning Program in 2017. — 2017, Tokyo, Japan

Language: English (7. IELTS and 910 TOEIC), French beginner