

Sy An NGUYEN

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[LinkedIn](#)

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AI Engineer with 6 years of experience across industry and applied research, delivering impactful solutions from AI-assisted medical systems to SaaS automation. Currently pursuing a Master's in AI at Université Grenoble Alpes, with a focused interest in Large Language Models (LLMs). Proven ability to develop scalable, high-accuracy AI systems and innovate. Eager to contribute and expand this expertise within the LLM field in France. Outside of work, I explore new technologies through side projects and share personal development insights at syangn.dev.

EXPERIENCES

Eviden, ATOS

Feb. 2025 – Jul. 2025

Student Internship (In Progress)

Grenoble, France

- Developed LLM-based features for VISuite AI, converting natural language inputs to structured queries, significantly reduced the time users spent filling out search forms—from minutes to seconds.
- Techstack: LLM, vLLM, LangChain, llama.cpp, Transformers.

akaBot, FPT Corporation

Aug. 2021 – Apr. 2024

AI Team Leader

Hanoi, Vietnam

- Promoted to AI Team Leader in 2022. Led a 5-person AI team to continuously improve performance and deliver new features.
- Scaled akaBot Vision to serve 2,000+ businesses with stable, high-accuracy extraction (90%+ accuracy on Vietnam e-Invoices, 80%+ accuracy on international e-Invoices).
- Published the first US Patent for the company. (*)
- Contributed to akaBot's global recognition: ranked among the top 42 IDP vendors by [HFS Research](#); and named as a 'Major Contender' in the [Everest Group RPA PEAK Matrix](#).

AI Engineer

- Awarded as “Employee of the year” for releasing akaBot Vision with large scalability that can handle thousands of document extractions per hour.
- Techstack: AI Agent, AWS Cloud, EKS, Lambda, Docker, Pytorch, Triton Inference Server, OCR, NLP.

BKAI, Hanoi University of Science and Technology

Dec. 2019 - Aug. 2021

AI Researcher

Hanoi, Vietnam

- Developed BlazeNeo, an AI-assisted system for real-time polyp segmentation and neoplasm detection, achieving over 155 FPS on Jetson AGX Xavier devices with INT8 precision, outperforming state-of-the-art models in both speed and accuracy.
- Played a key role in the project; successfully presented the proof of concept and secured [funding from the Vingroup Innovation Foundation](#).
- Published 2 papers in an IEEE journal and the ISCV conference, accumulating over 150 citations. (**)
- Techstack: Embedded System, Tensorflow, Deepstream, TensorRT, Python, C++.

PUBLICATIONS

(*) 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

EDUCATIONS

Université Grenoble Alpes (UGA)

Master 2: Master of Science in Informatics (MoSIG)

Sep. 2024 – Sep. 2025

Grenoble, France

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

Hanoi University of Science and Technology (HUST)

Engineer's degree in Information and Communication Technology

Sept. 2015 - Aug. 2021

Hanoi, Vietnam

- 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.
- Received ERASMUS+ exchange scholarship for the spring semester of the 2017-2018 academic year.
- Selected as one of 12 HUST students to participate in the Global Project-Based Learning Program in 2017.

2019

Bandung, Indonesia

2017-2018

Tampere, Finland

2017

Tokyo, Japan

CERTIFICATES

During my time at university, I actively joined many activities and hackathons to continuously learn new things:

- Best Presentation Award in Thesis Defense - HUST: Towards embedded accurate Polyp Segmentation and Neoplasm Detection for early diagnosis of colorectal cancer.
- Runner Up - SoICT - IBM Hackathon 2020: My friends and I built a [paper streaming solution](#) for remote education. I was responsible for the computer vision component, which processed the camera image into a scanned image in real-time.
- The First Prize - FPT's Driverless Car Challenge - University round: My friends and I won a self-driving car competition using Deep Learning model to control virtual car.
- Received four full scholarships to travel to four countries: Japan, Finland, Indonesia, France.
- Languages: English (7.0 IELTS and 910 TOEIC), French (A1), Vietnamese (native language)

PERSONAL PROJECTS

In my free time, I work on side projects to stay up to date with the latest technologies and satisfy my curiosity:

- [TofuAI.com](#) - I wanted to learn French conversation through specific scenarios like ordering pizza or introducing myself. So, I created this app for personal use.
- [DictationDaily.com](#) - To improve my English listening skills, I built this app. It allows users to listen to YouTube videos and practice dictation. I had a lot of fun creating and using it during my IELTS preparation- and eventually scored 8.0 in the listening section.
- [ReadyPy.com](#) - I was curious about Progressive Web Applications (PWAs) and how to run Python in the browser. Over a weekend, I learned ReactJS and built an online Python compiler.
- [CUPi](#) - Computer Use Python Installer - I was amazed by how Claude's "Computer Use" feature could interact with tools. However, the demo was limited to virtual machines. I created this Python package to allow people to run quick demos on their own machines using their own API keys.