



# Dao Sy Duy Minh

## AI Engineer Intern

✉ duyminh12122005@gmail.com | ☎ 0984-793-476 | 📍 Dĩ An, Bình Dương, HCM | 🌐 github.com/technoob05  
🌐 linkedin.com/in/loser1 | 📘 facebook.com/learningaiwithlosers | 🌐 learningaiwithlosers.com

### SUMMARY

Third-year Artificial Intelligence student with strong expertise in natural language processing (NLP), machine learning, and large language model (LLM) integration. Proficient in Python, PyTorch, and Docker, with practical experience in developing AI prototypes and contributing to collaborative research projects. Passionate about advancing NLP research and building impactful AI solutions through collaborative, real-world applications.

## WORK EXPERIENCE

### Founder & Content Creator

Oct 2024 – Present

*Learning AI with Losers – Academic AI Platform*

- Founded and grew a multi-channel AI education platform to 5,000+ followers across the blog, Facebook page, podcast, TikTok, and Threads.
- Published 30+ technical Blogs, 10+ podcast episodes, and curated AI news/research for an active online community.
- Partnered with SuciHub, CodeXChain AI Hackathon, and Coding Reshape Feature (3M+ monthly views) for outreach and engagement.

## SKILLS

**AI & Machine Learning:** PyTorch, scikit-learn, Hugging Face, LangChain, LangGraph, Google AI SDK, NumPy, Pandas

**Programming Languages:** Python, C/C++, JavaScript, SQL, MATLAB, R

**Cloud & DevOps:** AWS, Firebase, Vercel, Docker, Git/GitHub

**Web Development:** HTML, CSS, FastAPI

**Databases:** SQLite, MySQL, SQL Server

**Tools & Platforms:** LaTeX, WordPress, Microsoft Office, Web Scraping

**Languages:** English (IELTS 6.5)

## EDUCATION

### Bachelor of Artificial Intelligence

Sep 2023 - Present

*University of Science (VNUHCM-US)*

- Specializing in Artificial Intelligence with coursework in Machine Learning, Deep Learning, and AI Ethics.
- Current GPA: 3.7/4.0

## ACHIEVEMENTS

- Achieved Top 1 in the Southern Region and Second Runner-up in the National Round at GDGoC Hackathon Vietnam 2025 (Responsible AI Theme) with "NutriCare Agents" project. 🏆 Certificate
- Top 3 & Top 4 – EVENTA Grand Challenge and Workshops, ACM Multimedia 2025 (Rank A\*), Tracks 1 & 2: Event-Enriched Image Captioning and Event-Based Image Retrieval.
- Top 4 – ENTRep Grand Challenge And Workshops, ACM Multimedia 2025 (Rank A\*), Track 2: ENT Endoscopy Image Retrieval. 🏆 Certificate

## RESEARCH & APPLICATION PROJECTS

### NutriCare Agents – Vietnamese Personalized Nutrition Assistants

Jan 2025 – Present

*Role: AI Engineer / Fullstack Developer*

- NutriCare Agents is an AI-powered nutrition assistant delivering personalized meal recommendations for Vietnamese users, combining graph-based food recommender systems with a multi-agent architecture for reasoning, retrieval, and UX optimization.
- My responsibilities included supporting research for the graph-based recommendation model, leading the development of the web platform, and implementing the multi-agent system integrating Gemini AI, RAG, and orchestration flows.
- **Tech Stack:** Python, TypeScript, React.js, Next.js, FastAPI, Firebase, Google Cloud, Gemini API, LangChain, LangGraph, Hugging Face.
- 🌐 GitHub   🌐 Live Demo   📺 Video Demo

### Event-Enriched Image Captioning – EVENTA Workshops @ ACM Multimedia 2025

Jun 2025 – Present

*Role: Researcher / AI Engineer*

- Built a retrieval-augmented image captioning system combining visual features and event-based context.
- Integrated BEiT-3, SigLIP2, ORB/SIFT, InstructBLIP, and QLoRA fine-tuned DeepSeek-R1-Qwen3-8B.
- Achieved Top 3 in EVENTA Grand Challenge Track 1, outperforming CLIPScore and CIDEr baselines.
- **Tech Stack:** PyTorch, Hugging Face, Sentence-Transformers, OpenCV, FAISS, QLoRA, Google Colab.
- 🌐 GitHub   📄 Paper

For a complete portfolio and Projects, please visit my GitHub profile or connect with me on LinkedIn.