Le Duc Anh Tuan

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EDUCATION

Hanoi University of Science and Technology Hanoi, Vietnam
Bachelor of Science in Data Science and Artificial Intelligence *Oct. 2020 - Aug. 2024*
- **Thesis**: Class Incremental Learning for Object Detection
- **GPA**: 3.83/4.00

EXPERIENCE

Viettel Group Hanoi, Vietnam
Digital Talent *Apr. 2024 - Present*
- **CRS**: Developed Conversational AI with LLM-based recommendations for Viettel's Digital Ecosystem (TV360, MyViettel, MyDio), enabling natural user interactions and service recommendations.

Google Developer Groups Hanoi, Vietnam
Lead of Technical Team *Sep. 2022 - Present*
- **Leadership**: Planned and created project blueprints, delegated tasks to individuals, connected teams, and provided future operational guidance, certified by Google US.

Google Developer Student Clubs Hanoi, Vietnam
Head of Event & PR *Sep. 2021 - Sep. 2022*
- **Event Organization**: Organized member training, developed plans, facilitated community organization connections, and coordinated events for the Vietnamese student community.

VinBrain Hanoi, Vietnam
Applied Scientist *Sep. 2023 - Dec. 2023*
- **Medical Image Segmentation**: Developed MedNeXt for rectal cancer diagnosis and treatment support.

Viettel High Tech Hanoi, Vietnam
Computer Vision Researcher *Mar. 2023 - Aug. 2023*
- **Video Compression**: Researched INRs for videos, resolved temporal information problem in previous NeRV-based methods, achieved SOTA results for video reconstruction and compression tasks.

LEAN Platform Southeast Asia
Machine Learning Researcher *Aug. 2022 - Jan. 2023*
- **Action Detection**: Developed real-time Conv3D model for concentration recognition in online self-learning platform with 10000 users.

PROJECTS

- **Detect Cheating in Examination**: Researched and deployed real-time cheating detection solution using Pose3D and VideoMAE for 100-person exam rooms; featured on VTV24, DanTri, HUST,...
- **Google I/O Extended Hanoi 2023 Website**: Designed front-end client and back-end admin websites, deployed hosting, and tracked event emails.

SKILLS

- **Programming Language**: Python, Java, C++, SQL, CUDA, Triton.
- **Framework**: PyTorch, TensorFlow, Hugging Face, ONXX, FastAPI, Bootstrap, Flutter.
- **MLOps**: GitHub, WandB, Docker, Kubernetes, MLflow, Airflow, Databricks, Langchain
- **Web Technologies**: HTTP(S), JavaScript, APIs, TCP/IP, DNS.
- **Language**: English (C1), Vietnamese.

VOLUNTEERING

- **Google Developer Groups Hanoi**: Speaker presents "Detecting Cheating in Examinations" at DevFest 2022.
- **SheCodes Vietnam**: AI Mentor of SheCodes Hackathon Hanoi 2023.
- **Nestlé**: Ambassador of MT SparkTheNext Leaders Program 2023 & 2024.
- **AIESEC**: Representative of Mini Leadership Conference 2022.
- **VinAI Research**: Technical Collaborator at AI Day 2022.