Truong-Son Nguyen

+84 332 301 204 | Hanoi, Vietnam | son.nt227148@sis.hust.edu.vn | github.com/alaireselene | linkedin.com/in/sena-alaire/ | sena.id.vn

EDUCATION

Hanoi University of Science and Technology   Hanoi, Vietnam
Undergraduate, Applied Mathematics and Information   *Aug 2022 — present*

- Cumulative GPA: 2.46/4.0
- Relevant Coursework: Data Structures and Algorithms, Computer Artitecture, Databases, Object-oriented Programming, Operating System, Principles and Practice of Comp Sci, Abstract Algebra I: Groups and Rings, Linear Algebra, Discrete Mathematics, Multivariable & Single Variable Calculus, Convex Optimization

WORK EXPERIENCE

Intern   March 28, 2025 — June 1, 2025
Nam Son Technology and Solutions   *Hoang Mai, Hanoi, Vietnam*

- Contributed to the development of a legal chatbot powered by Large Language Models (LLMs) to assist users in navigating Vietnamese law, enhancing accessibility and usability for non-experts.
- Designed and implemented the user management system using Django, enabling secure authentication, role-based access control, and scalable user operations.
- Integrated asynchronous processing with RabbitMQ and Redis to handle background tasks efficiently and improve system responsiveness.
- Leveraged PyCharm to accelerate development workflow, improve code quality, and streamline debugging across the Python-based backend stack.
- Set up and managed scheduled tasks using cron jobs to automate maintenance operations and periodic data processing.
- Gained hands-on experience in full-cycle solution development, performance monitoring, and collaborative teamwork within a production-level AI infrastructure.

Collaborator   Aug 2023 — Aug 2024
Vietnam National Innovation Center, MPI   *Cau Giay, Hanoi, Vietnam*

- Managed and optimized an internal Learning Management System (LMS) built with Laravel and MySQL, ensuring stable performance, data integrity, and user accessibility.
- Developed an internal tool using Python and Large Language Models (LLMs) to automate the processing of raw learner data from Coursera, reducing manual effort and cutting processing time from 3hrs to 1.5hrs.
- Implemented data parsing, transformation, and validation pipelines to streamline reporting and improve decision-making.

PROJECTS

Developer, OMDecor Interior Website (omdecor-shop.com)   Nov 2023 — Nov 2024

- Built a full-featured showcase website for OMDecor using SvelteKit and TailwindCSS, ensuring a fast, responsive, and visually appealing user experience.
- Optimized image loading performance with Cloudflare CDN, reducing load times and improving first-visit experience for users.
- Focused on efficient asset delivery and caching strategies to enhance site speed, especially for mobile users.

CERTIFICATES

TOEIC, ETS Global   May 18, 2025

Google IT Support, Google x Coursera   Jun 2023

SKILLS

- **Programming Languages**: JavaScript, Python, C/C++, HTML/CSS
- **Technologies**: Svelte, Tailwind CSS, Git, Linux, Docker, Caddy