



# La Thanh Toan

## AI Engineer Intern

### About Me

Final-year Information Technology student at Nguyen Tat Thanh University with hands-on experience in AI systems, including image recognition, language generation, and web applications.

I strive to build practical AI solutions with real-world impact. My goal is to become a specialized AI Engineer in Computer Vision and Automation, with leadership capabilities in future team-based projects.

### Experience

#### AI Food Detection & Recipe Generation App

ReactJS · YOLO · Flask · LLM · ChromaDB

Jul 2025 – Aug 2025

- Design the entire AI system architecture from frontend to backend, ensuring stable processing flow.
- Team leader of 5, fine-tuning YOLOv11x (45 classes), achieving ~85% accuracy.
- ChromaDB + sentence-transformers integration for semantic search.
- Backend design using Flask + LLM (Gemma) to generate suitable recipes based on ingredients.

#### AI Agent for Meeting Automation

Whisper · LLM · Agent Orchestration · Email Automation

May 2025 – Present

- Design a multi-agent AI system using CrewAI, automatically organizing, analyzing and synthesizing meeting content.
- Develop specialized agents: Planner, Assistant, Analyst, focusing on scalability, natural interaction and reliability in real-world environments.

### Education

#### Bachelor of Science in Information Technology

Nguyen Tat Thanh University (NTTU)

### Projects

- AgentBot (Discord): Natural language bot that understands intent & executes commands.
- Personal Blog: ReactJS blog sharing AI, machine learning, and coding tutorials.

([GitHub: github.com/LockMan04](https://github.com/LockMan04))

### Personal information

- La Thanh Toan
- [lathanhtoan01@gmail.com](mailto:lathanhtoan01@gmail.com)
- +83 32051909
- Thanh Xuan 12, District 12, Ho Chi Minh City
- <https://lockman.dev>

### Skills

- Data preprocessing & visualization ●●●●●
- Python & Machine Learning ●●●●●
- Model evaluation & optimization ●●●●●
- Project planning & time management ●●●●●
- Data analysis ●●●●●

### Achievements

- **First Prize** – Network System Deployment Competition (Jul 4, 2025) – Excellence Certificate
- **Third Prize** – Artificial Intelligence Competition (Aug 16, 2025) with SavoryAI

([GitHub: github.com/LockMan04/SavoryAI](https://github.com/LockMan04/SavoryAI))