

# Nguyen Ngoc Tri Vi (Thomas)

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## Experience

### SmartGift Solution

Mar 2026 – Present

AI Engineer

- **Researched and implemented** AI-assisted to improve performance of developer team.
- **Explored and implemented suitable technologies for business use cases, built small POCs** and documented practical recommendations.

### Learning Chain Vietnam

July 2025 – Mar 2026

Applied AI Researcher & Operations Associate

- **Researched and implemented** AI-assisted trading and operations automations.
- **Explored and implemented suitable technologies for business use cases, built small POCs** and documented practical recommendations.
- Designed and **delivered applied-AI curricula, workshops**, and learning assets (n8n templates).
- Supported COO in **workflow optimization**, reporting, and **cross-team process standardization**.

### Vườn đậu – Herbal Soy Milk Brand

Oct 2024 – Apr 2025

Founder

- Managed **full production and business process**, including sourcing, production, packaging, distribution, and inventory control.
- Planned **ingredient sourcing, production schedules**, and **storage** to optimize costs and maintain consistent product quality; developed **pricing strategy** and launched **direct sales channels**.
- Highly positive feedback, with **repeat purchases** (2.51 per customer) and **distributor interest**.

### VSTECH Company Limited

Aug 2023 – Feb 2025

Computer Vision Engineer

- **Nozzle Quality Inspection** – built for a Japanese client to deploy on factory production lines.
- **3D Vision System Integration** – for Samsung LED panel height measurement (+-7% accuracy).
- **OCR solution** – for reading package codes and text labels, high accuracy in factory environments.

## Portfolio & Certifications

Further projects, and demo GIFs are available on my portfolio. Certifications are listed on my LinkedIn.

## Education

### Ho Chi Minh City University of Industry and Trade

Ho Chi Minh City, Vietnam

*Engineer of Data Analyst & AI*

Oct 2020 – Oct 2024

- Graduated **Valedictorian** of the Information Technology major (GPA: 3.74/4.0)
- **Awards:** 2nd Place – Essential IT Products and Topics Competition (2024); Consolation Prize – TOFAS (2023); Clean Code Award & Consolation Prize – Finding Talents & Innovative IT Products (2022); multiple Excellent & Outstanding Student Scholarships (2020–2024).

## Skills

- **Programming & Scripting:** Python, C++, HTML/CSS, JavaScript, PineScript, n8n, Telegram bots
- **AI/ML Frameworks:** TensorFlow, PyTorch, Scikit-learn, OpenCV
- **Data & Cloud Platforms:** SQL Server, Supabase, Firebase, MongoDB
- **Management & Ops:** Workflow & process optimization, cross-team coordination, documentation
- **Languages:** English (Professional reading, intermediate communication), Vietnamese (Native)