

## Contact

[www.linkedin.com/in/ngoc-bao-nguyen-4745b1247](https://www.linkedin.com/in/ngoc-bao-nguyen-4745b1247) (LinkedIn)

## Top Skills

DevOps  
Serverless Computing  
MySQL

# Ngoc Bao Nguyen

AI Engineer  
Ho Chi Minh City, Vietnam

## Experience

Webmark  
AI Engineer  
May 2024 - Present (11 months)  
United States

Mio  
AI Engineer  
September 2023 - May 2024 (9 months)  
Ho Chi Minh City, Vietnam

Demonstration of an AI-integrated warehouse management solution with multiple cameras operating in real-time. This includes action classification. REID: Tracking a single object using multiple cameras. Integration of a chatbot utilizing Large Language Models (LLMs) to assist users in cooking and nutrition.

SCS Solutions  
AI Engineer  
May 2022 - May 2024 (2 years 1 month)  
Vietnam

- Face detection projects: Designed and implemented solutions for face detection using computer vision techniques. Collaborated with teams to integrate face detection capabilities into applications.
- Container warehouse tracking: Developed and deployed systems for tracking containers in warehouse environments. Utilized computer vision algorithms to accurately track containers and provide real-time updates on their location and status.
- USA license plate tracking: Designed and implemented solutions for tracking USA license plates using computer vision technology. Developed algorithms to read and extract license plate information from images or video streams.

Freelance  
Freelance Software Engineer  
2021 - January 2024 (3 years)  
Vietnam

- Automatic data scraping systems: Developed solutions for automating data extraction from various sources, such as websites or databases, to efficiently collect and process large volumes of data.
- Captcha bypass systems: Implemented systems to overcome captcha challenges using techniques like image recognition, machine learning, or AI to automate the captcha-solving process.
- Handwriting recognition systems: Designed and developed solutions for recognizing and interpreting handwritten text. Leveraged machine learning algorithms, such as convolutional neural networks, to accurately recognize and convert handwritten characters into digital text.
- Computer vision model training: Provided expertise in training computer vision models for various tasks, such as object detection, image classification, or semantic segmentation. Utilized popular frameworks like TensorFlow or PyTorch to train and optimize models.
- Customer segmentation prediction systems: Created solutions for predicting customer segments based on various demographic, behavioral, or transactional data. Developed algorithms and models, such as clustering or classification, to identify patterns and make accurate predictions.

## Octa

### Computer Vision Developer

May 2020 - May 2022 (2 years 1 month)

Vietnam

My experience as a computer vision developer includes designing software for reading scratch cards using image processing, OCR, and AI techniques. I have expertise in using WinForms C# tools and implementing AI for captcha solving.

## SPTech

### Computer Vision Engineer

October 2021 - February 2022 (5 months)

Vietnam

- Developed and implemented solutions for industrial product detection and tracking.
- Customized image processing software for specific company requirements.
- Utilized advanced computer vision techniques to enhance accuracy.
- Collaborated with cross-functional teams to meet business needs.
- Researched and selected optimal algorithms for detection and tracking.
- Optimized system performance through algorithm refinement and hardware acceleration.

- Conducted rigorous testing and validation for reliability.
- Documented project specifications and results for knowledge sharing.
- Kept updated with latest computer vision advancements for continuous improvement.

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## Education

University Of Economics Ho Chi Minh City

Computer and Information Sciences and Support Services · (June 2019 - June 2023)