



# NGUYEN PHI TRUONG

Computer Science

## CAREER OBJECTIVE

*I aim to leverage my expertise in AI and Deep Learning to drive innovation, optimize processes, and boost organizational efficiency. I am dedicated to continuous learning and fostering a collaborative environment to achieve both personal and organizational growth.*

## CORE STRENGTHS

- Solid foundation in Machine Learning and Deep Learning.
- Strong teamwork and effective communication skills.
- Analytical thinking and problem-solving abilities.
- Eager to learn and stay updated with the latest technologies.

## CONTACT INFORMATION:

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## EDUCATION

### INDUSTRIAL UNIVERSITY OF HO CHI MINH CITY

- Computer Science student actively participating in research and official competitions.
- Member of the “Đội Công tác Xã hội” at the Industrial University of Ho Chi Minh City.
- GPA 7.3/10.0

## SKILLS

### Professional Skills

- Programming Languages: Python (proficient), Java, HTML
- Machine Learning & Deep Learning:
  - Data analysis and building Machine Learning models
  - Training and deploying deep neural networks (Deep Learning) with models such as YOLO, LSTM, CNN, etc.
  - Using TensorFlow & PyTorch for fine-tuning Deep Learning models and practical applications
- Computer Administration: Experienced with Windows and other operating systems (Linux, macOS, etc.)
- Troubleshooting hardware issues and assembling components.

## PROJECT EXPERIENCE

### BUSINESS CARD INFORMATION EXTRACTION USING DEEP LEARNING

- Description: Developed an automated system for extracting contact information from business cards using YOLO and Tesseract OCR.
- Model: YOLOv8, YOLOv9t, YOLOv10n, YOLOv11n.
- Achievements:
  - Graduation Thesis awarded 10/10 (Excellent).
  - Research published as a scientific paper.
- Result: Achieved a 92% accuracy rate in information extraction.
- GitHub: <https://github.com/phitruong600/Business-Card-Information-Extraction-Using-Deep-Learning.git>.

### UNDERWATER OBJECT DETECTION USING FASTER R-CNN AND YOLO MODEL

- Utilized: Designed a system for detecting and classifying marine life using YOLOv8 and Faster R-CNN.
- Model: YOLOv8, Faster R-CNN.
- Result: Achieved 88% accuracy on a specialized marine dataset.
- GitHub: <https://github.com/phitruong600/UNDERWATER-OBJECT-DETECTION.git>.

## WORK EXPERIENCE

- IT Helpdesk Intern – Thi Thien Technology Solutions
- Supported server and network management.
- Installed and maintained IT equipment, including computers and printers.
- Resolved technical issues for staff.
- Proficient in Photoshop, Canva (designing banners, posters, and other visuals).
- Able to manage and edit website content (basic HTML, CSS, WordPress, etc.) and fanpages (posting, creating events).

## INTERESTS

- Reading scientific and technology-related books and blogs
- Traveling and exploring new cultures
- Sports: Football and swimming
- Photography and photo editing