




# Vo Ba Hoang Nhat

 [github.com/NhatUS03](https://github.com/NhatUS03)  [linkedin.com/in/vo-ba-hoang-nhat](https://www.linkedin.com/in/vo-ba-hoang-nhat)  [nhatvoba123@gmail.com](mailto:nhatvoba123@gmail.com)

## EDUCATION

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### University of Science

*B.S. Computer Science*

2021-2025

*Current GPA: 3.56/4.0*

## COURSES

**Programming** Object-Oriented Programming, Data Structures & Algorithm, Computer Network, Computer Architect

**Math** Discrete Math, Linear Algebra, Calculus, Physics, Probability & Statistics

## AWARDS

**Physics:** achieve third prize in Physics subjects.

## SKILLS

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**Languages:** C/C++, Python, JavaScript, HTML/CSS, LaTeX

**Tools:** Git/GitHub, Unix Shell, VS Code, CLion/PyCharm/IDEA

**Frameworks:** Node.js, Flask, WordPress, FastAPI

**Libraries:** Pandas, NumPy, Matplotlib, Pytorch, Power BI

## PROJECTS

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### EDA | *Python, Youtube API*

Jan. 2024

- Collect data via the Youtube API.
- Analyze popular channels on the topics of AI and Data.
- Build a machine learning model to predict the achievable number of views.

### Object Detection | *Python:Pytorch, OpenCV*

March 2024 – Present

- Construct an SSD network to create an object detection model.
- Perform training, validation, and testing operations on the VOC dataset.
- Development direction: fire detection, human recognition, followed by using RNN to predict behavior.

### Dental Clinic Management System | *Node-JS,MySQL*

Jan 2024

- Capable of handling basic operations for a dental company with multiple branches.
- Allows users to schedule appointments to optimize waiting time at the clinic.
- Login via facial recognition.

## EXPERIENCE

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### Linear Alrebra Club | *Member*

Sept. 2022 - Jan. 2024

Each week, there will be presentations on the chapters in the book "Linear Algebra" by W. Gilbert Strang.

## OBJECTIVE

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High passion for Artificial Intelligence.

Become an expert in the Computer Science - Artificial Intelligence field