

Truc Ngoc

Hanoi, Vietnam

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Work Experience

GRAB, SOFTWARE ENGINEER INTERN

Vietnam, Apr. 2025 - Aug.2025

- Developed an internal API platform with FastAPI and Boto3 to manage AWS DynamoDB tables, reducing reliance on Terraform.
- Built modular, reusable, and testable code using Pydantic models and service-layer separation.
- Implemented unit and integration tests with Pytest and Unittest to improve reliability of database automation.
- Supported ElasticCache cluster migration across AWS accounts, ensuring smooth backup, restore, and configuration.
- Tech stack: Python, Pydantic, Pytest, AWS (DynamoDB, ElastiCache), Terraform, Boto3

VIETTEL, BUSINESS ANALYST

Vietnam, Aug. 2020 - Feb.2023

- Gathering, organising and analysing business data from various sources.
- Conducting market research to identify success factors and the latest trends.
- Defining and evaluating metrics for business profitability.
- Setting budgets for proposed business solutions.

WILMAR CLV - CALOFIC, SENIOR PROCUREMENT STAFF

Vietnam, May. 2020 - Jul. 2020

- Understand, analyze, and evaluate procurement requirements for products.
- Research potential vendors.
- Maintain updated records of purchased products, delivery information and invoices.
- Review inventory and update as required.

CENTRAL RETAIL, IMPORT - LOGISTICS TRAINEE

Vietnam, Jan. 2020 - Apr. 2020

- Strictly follow the requirements of the management system, and input data into the computer system.
- Responsible for the transmission and classification of various documents and reports.
- Provide inventory information in a timely and accurate manner.

Projects

DATA STRUCTURE AND ALGORITHMS PRACTICE

2023

- Project github link: [This link](#)
- Practiced Data structure and Algorithms At Leetcode and Codeforces.
- Technology: Python.

FRONT END PROJECT

2023

- Project github link: [This link](#)
- Built demo website with tutorials to learn Front End.
- Technology: Javascript, Css, Html.

WEB DESIGN PROJECT

2023

- Project github link: [This link](#)
- Build responsive website which provide online courses for learners.
- Technology: Javascript, Css, Html.

Education

The Hanoi Open University

Hanoi, Vietnam

B.S. IN COMPUTER SCIENCE

Jan. 2023 - Mar.2026

- Courses: Data structure and Algorithm, Computer Network, Database
- Programming language: Python, Javascript

The University of Economics Ho Chi Minh City

Ho Chi Minh City, VietNam

B.A. IN INTERNATIONAL BUSINESS

Sep. 2016 - May. 2020

- GPA: 3.0/4.0

Honors & Awards

- **Hackerrank Certificate on Problem Solving Basic.** 2023
- **Hackerrank Certificate on Python.** 2023

Skills

- **Programming languages and Technologies:** Python, Javascript, HTML, CSS
- **Others:** Git, Terraform, Boto3