

Ho Chi Minh City,
Vietnam
Github LinkedIn

Lam Tran

(+84) 373242232
minhnam2102002@gmail.com

Work Experience

Teaching Assistant, Intern

BigO Coding

October 2020 – Present

- Executed more than **200 problems** in Intermediate and Advanced Algorithm course.
- Explained how to approach and solve coding problems for students.
- Preparing problems for the course by generating tests and writing analysis.
- Proposed statements, analysis, and test for VNG coding contest for up to **200 participants**.

Education

Ho Chi Minh, Vietnam

**University of Science,
VNU-HCM**

Sep 2020 – Jun 2024

- Bachelor of Science in Information Technology, **Honors Program (top 5% students)**.
- **Graduate Coursework:** Data Structures and Algorithms; Object-oriented Programming; Linear Algebra; Computer Architecture; Database; Networking; Scientific Research Methodology; Applied Math and Statistics.

Technical Experience

Projects

- **Sorting Analysis** (2021). A full view about **11 sorting algorithms** in C++.
- **Search Engine** (2021). A searching app that can handle searching **10000 plain text file** using pure C++.
- **Game Tower Defense** (2022). Manipulate object-oriented programming to implement the game with C++(SDL library).
- **Email Controller** (2022). Use **Python** to create an app that can be installed on your local machine, and can be controlled through email from other ones using **IMAP** and **SMTP** protocol.
- **Directory Manager** (2022). Implementation a **client-server model** where client can load and edit directory through **socket** connection.

Additional Experience and Awards

- **Third prize, national championship:** Awarded third prize of national championship in Informatics for high school student.

Languages and Technologies

- **Languages:** C/C++, JavaScript/TypeScript, Node.js, Python, Java.
- **Technologies:** React, Git, MongoDB.