

Nguyen Le Thien Minh

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Personal-Portfolio: <https://thienle210303.github.io/Portfolio>

EDUCATION

University of South Carolina

Columbia, SC

Bachelor of Science – *Computer Science* major

May 2025

GPA 3.8 – minor in *Cybersecurity Operations*

- Dean's List Academic Achievement Award 2021-2024
- Relevant Coursework: Data Structure & OOP in Java, Algorithms & Advanced Techniques in C++, Computer Architecture & Infrastructure, Database System Design, Artificial Intelligence, Software Engineering

WORK EXPERIENCE

University of South Carolina

Columbia, SC

Undergraduate Research Assistant

August 2022 – Present

Developer | Python/Selenium, JavaScript, Multi-thread, Agile, GitHub, Linux/Windows

- Improve program speed by 99.747% through the integration of JavaScript in Python
- Initiate automated testing efforts, result in an 85% reduction in post-production defects
- Research and construct strategies to ensure uninterrupted performance and minimize disruptions
- Develop and implement multiple scraping algorithms, significantly enhanced efficiency and performances

Undergraduate Teaching Assistant

August 2023 – Present

Algorithmic Design I | Java, Data structure, Eclipse IDE

- Lead engages lab sessions and deliver insightful lectures weekly for 24 students
- Provide guidance and constructive feedback to enhance student programming knowledge

Introduction to Computer Concepts | HTML, CSS, JavaScript

& *General Applications Programming* | Python

- Lead open lab hours and help non-computer science major students to achieve success
- Grasp course material and clarify misconceptions

COMPETITIVE & PERSONAL PROJECTS

Morgan Stanley – Code to Give Hackathon – 2nd

Online

Food Route | Python/Flask, JavaScript/React, Redux, Chakra UI, Open Layer, SQL, GitHub

April 2023

- Collaborated with 8 fellow developers to build a responsive web application designed to help users find the best routes based on their location and food preferences
- Debugged issues of integrated Open Layer map to display the user location and nearby food options
- Helped back-end team to bridge data gaps and ensuring seamless data flow

University of South Carolina – ACM S23 Code-A-Thon

Online

Problem-solving demonstration | Java, Python

February & November 2023

- Improved proficiency in data structures and algorithms by applying through real-world scenarios

Toy Ecommerce | JavaScript, Chakra UI, MongoDB, GitHub

June 2023

- Collaborated with 3 fellows to design and develop an e-commerce website dedicated to selling toys
- Conducted and contributed to the creation of compelling product listings

Portfolio | JavaScript/React, Material UI, Figma, GitHub, EmailJS API

July 2023

CERTIFICATIONS

- AT&T Technology Academy – *AT&T* July 2023
- Software Engineering Course – *Hong Kong University of Science and Technology* – Coursera June 2023
- JPMorgan Software Engineering Virtual Experience Program – *Forge* February 2023
- VISA Token Service Technology Virtual Experience Program – *Forge* January 2023

SKILLS

Technical: Python, JavaScript, Java, HTML/CSS, C/C++, MySQL, Prolog, Haskell

Language: English, Vietnamese, Spanish