

Nguyen Le Thien Minh

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

EDUCATION

University of South Carolina – Columbia, SC

May 2025

Bachelor of Science – *Computer Science*

GPA 3.79

Minor in *Cybersecurity Operations*

- Dean's List Academic Achievement Award 2021-2023
- Relevant Coursework: Data Structures & OOP in Java, Discrete Structures, Advanced Techniques in C++, Data Structure & Algorithms, Computer Architecture, Computer Infrastructure, and Operating System

EXPERIENCE

Undergraduate Research Assistant – Columbia, SC

August 2022 – Present

Web Scraping Developer – *Python/Selenium, JavaScript, Multi-threading, Agile, Linux/Windows*

- Conduct, design and develop Python script for scraping Amazon and Kroger website, extract and implement encryption for data storage
- Improve program speed by 314% through the integration of Python and JavaScript
- Initiate automated testing efforts, leading to an 85% reduction in post-production defects

Undergraduate Teaching Assistant – Columbia, SC

August 2023 – Present

Course: Algorithmic Design I – *Java, Data structure, Eclipse IDE*

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

Course: Introduction to Computer Concepts– *HTML, CSS, JavaScript*

& General Applications Programming – *Python*

- Assist non-CS majors with assignments and grasp core course material
- Identify, resolve student issues, and clarify any misconceptions

PROJECTS

Personal Portfolio – JavaScript/React, Material UI, Figma

July 2023

Toy Ecommerce – JavaScript, Chakra UI, MongoDB

June 2023

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

Code to Give Hackathon – Morgan Stanley – 2nd out of 18

April 2023

Food Route – *Python, JavaScript/React, Redux, Chakra UI, OpenLayer, GitHub*

- Collaborated with 8 teammates to build a responsive web application designed to help users find the best routes based on their location and food preferences
- Integrated OpenLayer map to display the user location and nearby food options
- Assisted the back-end team in implementing data from the front-end and resolving code issues

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

February 2023

- Problem-solving demonstrations enhanced data structures and algorithms proficiency in *Java*

CERTIFICATIONS

- AT&T Technology Academy **July 2023**
- Software Engineering Course **June 2023**
- JPMorgan Software Engineering Virtual Experience Program **February 2023**
- VISA Token Service Technology Virtual Experience Program **January 2023**

SKILLS

- **Programming Language:** Python, JavaScript, Java, HTML/CSS, C++, C, MySQL
- **Operation System:** Linux, Windows
- **Language:** English, Vietnamese, Spanish