

Nguyen Xuan Le

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EDUCATION

Bucknell University

Expected May 2027

B.S. Computer Science | **current GPA: 3.76/4.0**

Lewisburg, PA

- **Courses:** Introduction to Computer Science, Calculus I, Calculus II, CS50x: Introduction to Computer Science
- **Honors:** Fall 2023 Dean's List, Spring 2024 Dean's List

Quoc Hoc - Hue High School for the Gifted

Jun. 2023

Major in English

Hue, Vietnam

SKILLS

Programming Languages: Python (including matplotlib), C

Frameworks/Developer Tools: Github, VS Code, IDLE

Languages: English (fluent, 7.5 IELTS), Vietnamese (native speaker)

EXPERIENCE & PROJECTS

Student Grade Tracker (Python)

Apr. 2024 – May 2024

CSCI 203 - Intro to Computer Science

Lewisburg, PA

- Collaborated with a partner to develop a comprehensive Python application aimed at helping students efficiently **track their academic performance**.
- Key features include: course management, grade recording, grade computation, grade summaries, and user interface.
- Handled up to **100 individual grades** per course and supported up to **10 courses** per student.

Research Assistant

Sep. 2022 – Dec. 2022

Quoc Hoc Science and Engineering Fair 2022-2023

Hue, Vietnam

- Orchestrated the collection, organization, and refinement of research data, adeptly curating representative graphs and charts to **provide students school materials on a online library**.
- Conducted **nearly 20 trials**, including comprehensive statistical, quantitative, and quantitative analyses, contributing to a **15% increase** in overall project accuracy and a **20% improvement** in the productivity of students with provided materials.

Teaching Assistant

Jun. 2022 – Aug. 2022

LEARNSMART English Center

Hue, Vietnam

- Mentored **over 100** students enrolled in English program, explaining challenging concepts and fundamental English knowledge to **middle school students**.
- Coordinated office hours and lesson plans in conjunction with **2 other teaching assistants** in order to ensure widespread availability and quickly return tests and assignments to students.
- Prepare **nearly 10 PowerPoint presentations** for lessons every week for 3 months.

ACTIVITIES

Peer Collaborator

May 2022

Quoc Hoc Campfire

Hue, Vietnam

- Assembled the materials to burn the fire and keep **over 1000 participants** from extreme heat.
- Increased efficiency during meetings by **setting clear agendas beforehand** while ensuring timely follow-up on action items afterward.
- Promoted a culture of shared learning by encouraging knowledge sharing and cross-functional collaboration **with 30 other peer collaborators**.
- Helped coordinate a **3-hour** performance and was a performer.

Logistics Assistant

Jun. 2021 – Jan. 2022

RAM: Ancientry

Hue, Vietnam

- Implemented computational tool Excel to generate detailed reports tracking **up to 50 purchase orders** and inventory databases, facilitating data-driven decision-making and financial transparency.
- Sourced parts for the Robotics Summer Camp, **reducing procurement costs by 10%** through strategic vendor negotiations.