

LONG NHAT NGUYEN

Citizen of The United States

5587 SUGAR MAPLE RUN, HAMILTON, OHIO 45011

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513 - 693 - 5405

EDUCATION

Bachelor of Science, Computer Science

University of Cincinnati, Cincinnati, OH

- Relevant Coursework: Data Structures, Engineer Design Thinking
Linear Algebra, Introduction to Public Speaking

Expected Graduation: May 2026

GPA 3.84/4.00

Honors Diploma, High School

Lakota West High School, West Chester, OH

May 2021

GPA 4.30/4.00

SKILLS

Programming Languages: C++, Python, Java

Frameworks and Tools: Qt, Unreal Engine 5

EXPERIENCE

Software Development R&D Co-op

Jan. 2024 - Present

Siemens Digital Industries Software, Milford, OH

- Monitored cutting edge AI technology and the feasibility of their integration to current products
- Spearheaded the solution stack required for evaluating the capabilities of modern LLMs
- Reinforced and improved the robustness of the current data pipeline by developing data processing tools

Software Engineering Intern

July 2022 – Aug. 2023

Naval Medical Research Unit Dayton, Dayton, OH

- Modernized software integral for study operations by implementing modular functionality, easily modifiable visualization, and data collection capabilities
- Leveraged Unreal Engine 5 to model the motion of a research device utilizing UDP data transfer, allowing flight playback and real-time simulation; This was used in NASA's preliminary testing for Project Artemis
- Utilized Qt's widget library to develop data visualization tools that are incorporated into all research studies and interact with real-time data
- Collaborated with team members to write comprehensive documentation for regularly used software

Bowl Attendant

July 2021 - Nov. 2021

Main Event Entertainment, West Chester, OH

- Catered to customers' needs through valet and brand ambassador services
- Ensured effective workload distribution between team members by upholding a high standard of communication and collaboration
- Guaranteed high efficiency of bowling operations through effective coordination of lane schedules
- Troubleshoot and resolved bowling equipment issues to meet customer satisfaction

CLASS PROJECT

Prototype Robot for Thermal Depolymerization Plant

Sept. 2021 – Nov. 2021

University of Cincinnati, Cincinnati, OH

- Designed a LabView navigation system based around an adaptive line following algorithm
- Collaborated with a multidisciplinary team to gauge trade-offs between individual specifications
- Built a Lego mechanism that could pick up and categorize an object based on its weight

HONORS

Dean's List

Aug 2021 - Present

Cincinnatus Century Scholar

Aug 2021

President's Education Award of Academic Excellence

Jun 2021