Thor Long — Allentown, PA | (484) 725-3624

ttl225@lehigh.edu | https://www.linkedin.com/in/thorlong/ | https://github.com/alphaturtle17 | https://alphaturtle17.github.io/

Education

Lehigh University   Bethlehem, PA

Bachelor of Science in Computer Science and Business: GPA 3.13/4.0   Aug. 2021 – May 2025

Honors: Lehigh University Trustees' Scholarship, Lehigh University Hughes Scholarship, CSB Honors Program

Relevant Coursework: Software Engineering, Database Systems and Applications, Systems Software, Foundations of Discrete Structures and Algorithms, Programming and Data Structures.

Work Experience

Kitchen Manager - *Chipotle Mexican Grill*, Trexlertown PA   Dec 2018 - Jan. 2023

- Proactively supervised kitchen equipment, ensuring optimal condition, quick malfunction resolutions, and asset protection, including items over $3000 in value.
- Ensured impeccable food prep, portioning, presentation, and quality for an enhanced dining experience.

Projects

Server/Client Communication over Unix Sockets: https://github.com/alphaturtle17/server-socket   Apr. 2023

- Leveraged my expertise in C/C++ libraries and prior coursework to develop a robust server component for a client-server communication system over Unix sockets, delivering a high-quality project within the time constraints of my Systems Software course final exam.

Personal Website: https://alphaturtle17.github.io/   June 2023

- Utilized GitHub Pages, HTML, JavaScript, and CSS to create a dynamic personal website, serving as a centralized platform to highlight my coding projects, achievements, and photography.

Administrative Discord Bot: https://github.com/alphaturtle17/DiscordBot   Apr. 2020

- Leveraged my expertise in JavaScript, discord API, Node.js, and Visual Studio Code to create a powerful administrative Discord bot, enabling role-based interactions and granting moderators the ability to effectively moderate and censor undesirable content.

Leadership / Activities

Sigma Phi Delta, Beta Kappa Chapter, Lehigh University   Initiated Apr. 2022

Secretary   Dec. 2022 – Present

- Facilitate effective communication and organization within Sigma Phi Delta, Beta Kappa Chapter at Lehigh University as the Secretary of a professional society of engineers, responsible for maintaining accurate chapter records and meeting minutes and liaising with our national organization.
- Collaborate with fellow executive board members in making administrative decisions and maintain accurate chapter records, playing a crucial role in the success of the organization.

Event Coordinator   Apr. 2022 – Dec. 2022

- Successfully coordinated a series of brotherhood events for a total of 160 active and alumni members, fostering strong connections and camaraderie within the organization.
- Effectively allocated resources and managed a semester-long budget to curate high-quality events, enhancing the overall experience for 160 active and alumni members.

Men's Intercollegiate Lehigh Volleyball Squad Executive Board, Lehigh University

Vice President   May 2023 – Present

- Played a pivotal role in coordinating a 50-person collegiate club volleyball team as the Vice President, organizing practices, drills, and scrimmages to foster skill development and team dynamics.

Treasurer   Aug. 2022 – May 2023

- Effectively organized and maintained financial records, healthcare documentation, and membership information as the Treasurer, ensuring accurate and efficient management of team affairs.

Skills

Proficient: Java, C, Git, JavaScript, C++   *Intermediate:* Python, Bash, HTML, CSS, NodeJS, Vite, SQL

Languages: English (Fluent), Spanish (Intermediate, Oral and Written), Cambodian (Intermediate, Oral)