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

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Education

Lehigh University   Bethlehem, PA

Bachelor of Science in Integrated Computer Science and Business: GPA 3.33/4.0   August 2021 – May 2025

Honors: Lehigh University Trustees' Scholarship, Lehigh University Hughes Scholarship, CSB Honors Program, ***Dean's List***: Spring 2024

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

Work Experience

Research and Development Intern – *Watgen: Startup Chile*, Santiago Chile   June 2024 – August 2024

- Collaborated in a team of 6 to develop solutions to various economic and environmental challenges within Chile, prioritizing powering solutions with carbon-neutral energy generation such as solar panels and wind turbines.
- Designed and presented solutions to my supervisor and other Startup Chile CEOs in preparation for a presentation applying for CORFO (Corporación de Fomento de la Producción) grant from the Chilean government.

Peer Notetaker – *Lehigh University Disability Support Services*, Bethlehem PA   September 2023 - Present

- Provide notes that are effective and clear for disabled students that are well organized, understandable, a clear reflection of the information presented, and timely delivered.
- Conducted 150 hours of note-taking services for disabled students, providing student accessibility and inclusivity.

Kitchen Manager - *Chipotle Mexican Grill*, Trexlertown PA   December 2018 - January 2023

- Proactively supervised kitchen equipment, ensuring optimal condition, quick malfunction resolutions, and asset protection, while ensuring impeccable food prep, portioning, presentation, and for an enhanced dining experience.
- Successfully trained and led a team of 60 employees to excel in 8 independent food safety audits conducted by Ecolab's Ecosure division, resulting in a consistently high compliance rating of 90% and above.

Projects

NeuFoods Online Food Pantry App: February 2024 – Present

- Collaborating in a team of 4 to create a version controlled, multi-language, multi-component application designed to reduce food waste by tracking pantry ingredients and recommending recipes.
- Designing and restructuring webapp in preparation for launching to the Apple app store using JavaScript, HTML, CSS, MongoDB and Mongoose.

TinaFam Multi-Platform Social Media App: September 2023 – December 2023

- Collaborated in a team of 5 to create a version controlled, multi-language, multi-component social media application using the 12 agile principles in product manager, frontend, backend, web, and mobile roles.
- Designed and implemented various programming methods and interfaces using java, JDBC, HTML, CSS, JavaScript, flutter, and maven, hosted the app on Dokku, and connected to the ElephantSQL database.

Relational Database Manager: September 2023 – December 2023

- Designing, implementing, and maintaining a relational database and associated application using Oracle SQL Developer, java, and JDBC to cater to the needs of a fictional rental-unit management firm.
- Create multiple java interfaces that communicate with Oracle SQL Developer, acting as different roles in regard to the rental-unit management firm, allowing the user to query, manipulate, and view content in the database.

Leadership / Activities

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

President   March 2024 – Present

- Coordinate a 50-person collegiate club volleyball team, by organizing practices, drills, and scrimmages to foster skill development, interpersonal connections, and positive team dynamics.
- Ensuring accurate and efficient management of team affairs by effectively organizing and maintaining financial records, healthcare documentation, and membership information throughout the semester.

Skills

Proficient: Java, C, Git, JavaScript, C++. ***Intermediate***: Bash, HTML, CSS, SQL, Node.js, Python, Vite. ***Languages***: English (Fluent), Spanish (Intermediate, Oral and Written), Cambodian (Intermediate, Oral)