LEANG Y (PHOENIX) CHHEAV

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EDUCATION

Northern Illinois University – *DeKalb, IL*   *June 2022 - May 2025*
Bachelor of Computer Science | GPA 3.52
- **Awards/Honors:** Dean's List (Fall 2022), Honors Program Fellow; United Airlines *x* Braven Capstone Winner
- **Relevant Coursework:** Natural Language Processing, Algorithms, Databases, Software Engineering, OS concepts

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, PHP, SQL, Assembler, C/C++
Technologies and Version Control: HTML, CSS, Node.js, MongoDB, MariaDB, Git, GitHub,
Framework: NextJS, ExpressJS

WORK EXPERIENCES

ALAST – DeKalb*, IL*   *January 2025 - May 2025*
Undergraduate Research Assistant
- Analyze and maintain multiple data sets of more than 200, ensuring they align with anticipated changes.
- Modified interfaces that would create scalable solutions for expanding from 3 to 5 teams.
- Fixed and cleaned up 2 of 3 game scenes in Unity, built and ran tests to ensure quality.
- Back up the database, reconstruct the release database using SQL, and construct a new set for testing.

Campus Dining Services– DeKalb*, IL*   *July 2023 - December 2024*
On-Campus Starbucks Barista
- Developed expertise in product knowledge, offering personal recommendations to enhance customer experiences.
- Worked as support to help in the back door and switched to assist on the floor during busy hours.
- Fostered a positive team environment, contributing to a culture of collaboration and support.
- Trained and mentored a new employee, providing clear guidance and support during onboarding

Full-Stack Development Bootcamp - *Cambodia*   *August 2021 - April 2022*
Full-Stack Developer
- Collaborated in agile teams, using Trello for task tracking and sprint management.
- Designed prototypes using Figma and integrated Git & BitBucket for version control.
- Developed web applications using HTML, CSS, JavaScript, Tailwind, MIU, and Bootstrap.
- Connected and tested the API using Postman as a tool, and implemented databases using MongoDB and Docker.

PROJECTS

Quote Management System (*Database and User Interface Developer*)   *September 2024 - December 2024*
- Developed a case model for building a web-based project using MariaDB and PHP in an Agile methodology.
- Presented in Scrum meetings to track progress, refine the database, and UI requirements.
- Implemented databases for adding, updating, or removing data, having 2 roles–Admin and Associate.
- Implemented and modified the UI, allowing associates to view and update their current quote, ensuring no conflict.

KaraFun *(User Interface and Back-end developer*)   *April 2024 - May 2024*
- Developed a dynamic search interface for songs by title, artist, or contributor, allowing users to prioritize their songs with a payment option.
- Troubleshot and debugged the queue management system, implemented with comprehensive, detailed tracking of users and songs based on unique karaoke file IDs.
- Built a database that stores contributors, songs, singers, and request details.
- Developed an interactive search with a sortable and filterable UI to enhance user experience.