

# Chanh Devin Dao

(504)-505-5137 | [cdao4@lsu.edu](mailto:cdao4@lsu.edu)

## Education

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### Louisiana State University

Bachelor's of Science, May 2026 Computer Science | Software Engineering

GPA : 3.7

## Technical Skills

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### Programming & Software Development & DevOps

- Java, Python, C, C++, C#, Kotlin, SQL, PostgreSQL, Object-Oriented Programming, Agile Scrum, Git, CI/CD Pipelines, Docker, Linux, Scripting (Bash, PowerShell), Systems Design

### Web Development & Cloud Technologies

- React, Chakra UI, HTML, CSS, JavaScript, TypeScript, Node.js, Express, REST APIs, API Development, Postman, AWS, Azure

## Work Experience

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### Entergy Innovation KeyString Labs - Software Developer Intern

*February 2025 - May 2025*

- Collaborate with senior developers and participate in weekly code reviews, UX design evaluations, UML system diagram reviews, and bi-weekly sprint planning sessions within an Agile development environment.
- Contributed to the full stack development of RENEW, a customer facing web and mobile application that enables thousands of residential and commercial users across five Entergy operating companies to purchase and learn about renewable energy. Reusable and accessible UI components built with React and Chakra UI.
- Backend and live server testing via cloud based deployment on AWS, ensuring high reliability.
- Integrated REST APIs to handle customer signups, sending form data to Entergy's database.
- Performed comprehensive QA and prompt evaluation for Entergy's internal AI chatbot, powered by machine learning models. Executed user case scenarios to test the system's ability to interpret natural language queries, retrieve and summarize energy data, and interact with internal databases and business workflows.

### BRBYTES - Web Development Intern

*May 2024 - Current*

- Integrated RESTful API integrations for both the teacher's portal and lesson editor using Express.js, enabling data flow and real time functionality for creating, updating, and retrieving lessons.
- Architected database using SQL to support 100+ dynamic lessons and scalable userbase growth.
- Developed responsive front end features to enhance functionality and navigation across BRBYTES' main site, teacher's portal, and lesson editor, using HTML, Bootstrap, and Alpine.JS.
- Optimized system performance with Dhall configurations, achieving a 300% faster build and reload.
- Collaborate with professors and teachers to gather feedback and make technical solutions to classroom needs.

## Personal Projects

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### Universal Fitness - Mobile application geared to benefit all fitness types (bodybuilding, powerlifting, athletes, etc).

- Workout generator tailored to user preferences, daily exercise logger with progress visualizations, and a calorie and macro tracker with goal visualizations.
- Developed with Kotlin following object oriented principles. Used Jetpack Compose for modern, responsive UI.
- Implemented PostgreSQL database to secure account creation, nutrition logs, and workout history.
- Included Microsoft's Bing Search API to showcase trending news relating to the fitness industry.