

Shalvi Dalal

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EDUCATION

Louisiana State University (LSU), Baton Rouge, LA

August 2022 - May 2025

Bachelor of Science, Computer Science

GPA: 4.04

Related Coursework: Artificial Intelligence, Cloud Fundamentals and Web Programming, Cybersecurity

SKILLS

Technical Skills: Java, Python, C, C++, SQL, HTML, CSS, JavaScript, React.js, Flutter, Figma, AutoCAD, Linux, MS Power Apps, MS Power Automate, MS Clipchamp

EXPERIENCE

Teaching Assistant for Computer Science

August 2024 – Present

- Assist professors in grading assignments, leading recitation sessions, and providing academic support for students in higher level computer science courses.
- Host office hours to help students with programming concepts, debugging code, and understanding course material.

Geaux Communicate Ambassador

August 2024 – Present

- Utilize communication and leadership skills to promote university initiatives and engage with prospective students through outreach events and presentations.
- Actively participate in events that enhance university branding and recruitment efforts.

L&T Technology Services Data Analyst Intern

May 2024 – August 2024

- Utilized Microsoft Power Platform tools, including Power Apps and Power Automate, for data processing and validation tasks.
- Developed and implemented ETL processes to clean and extract data efficiently, using Power Apps for data visualization.
- Streamlined data management operations using automated flows, reducing manual intervention.

Shell Tutoring Center Tutor

August 2023 – May 2024

- Provide effective academic support for drop-in tutoring sessions or group tutoring sessions.
- Tutoring approximately 20 students per week.

Computer Science Tutor

August 2023 – December 2023

- EXCELD Tutor at LSU specializing in Java programming for both individual and group tutoring sessions.
- Attend weekly training and ensure effective communication with students and program administrators.

Geaux Engineering Team Leader

August 2023

- Led a team in Geaux Engineering, a program designed for freshman students majoring in engineering.
- Guided six students through diverse engineering tasks as part of a mentoring role.

Louisiana Collegiate Design Competition

February 2023

- Competed in an engineering design competition as a team participant in a group of six members.
- Received a teamwork award from a Baker Hughes representative overseeing the competition.

Camellia Hall Senator

August 2022 – May 2023

- Contributed to the improvement of the freshman community experience and planned events to enhance resident engagement.

Volunteering

- STEM NOLA, STEM Fest, STEM Day at Woodlawn, Ocean Commotion with Louisiana Sea Grant, Pelican Park, Abita Fest, SWE WISE, RHA, Appletree Academy, Geaux Engineering, and more.

ORGANIZATIONS

LSU Student Organizations

August 2022 – Present

- Society of Peer Mentors, Society of Women Engineers, Women in Computer Science, Society of Asian Scientists and Engineers, Society of Hispanic Professional Engineers.
- Active member of these LSU student organizations focused on leadership and mentoring, with a heavier focus on STEM. Participated in and mentored students through various outreach events. Attended weekly meetings and outreaches to help build communication, networking, leadership, technical and more skills.

AWARDS

LSU President's Honor Roll, LSU Dean's List, LSU Academic Excellence Scholarship