

NIRAJ BHATTA

Hammond, LA | niraj.bhatta@selu.edu | (337) 944 4462 | [LinkedIn](#) | [GitHub](#) | [Portfolio](#) |

EDUCATION

Southeastern Louisiana University

Bachelor of Science in Computer Science, Scientific

GPA: 4.0/4.0

Awards: Presidential List, Beginning Freshman Honors Scholarship, Integration Bee

Relevant Coursework: Data Structures and Algorithms, Software Engineering, Introduction to Data Science

Hammond, LA

Dec 2025

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, C/C++, C#, Python, TypeScript
- **Frameworks:** React.js, ASP.NET, Flask, Lang Chain
- **Database:** MySQL, MSSQL, MongoDB, Firebase
- **Technologies:** SCRUM, Mantine UI, Visual Studio, Git, GitHub, Jira, Agile, Postman

WORK EXPERIENCE

Southeastern Louisiana University

Computer Science Tutor

Hammond, LA

Jan 2024- May 2024

- Conduct specialized tutoring in computer science, focusing on fundamental concepts, algorithms, and data structures.
- Designed lesson plans to meet individual learning needs, resulting in 20% average grade improvement.

Student Web Developer

Jan 2024 – July 2024

- Collaborated with Dr. Minh Huynh and the team to develop websites and web applications, and oversee and manage applications built with .NET, Angular, and React.
- Designed and optimized chatbots leveraging large language models with Lang Chain, resulting in a 30% improvement in response time efficiency.

Mathematics Tutor

Sep 2022 - Present

- Deliver instructive **Finite Mathematics** and **Linear Algebra** classes, employing innovative teaching strategies to optimize student understanding and engagement.
- Conduct personalized tutoring sessions, cultivating improved problem-solving skills in diverse mathematical concepts to elevate student performance, resulting in a 30% improvement in average grades.

PROJECTS

Pao Pao Cat Feeder | [Link](#) |

Jan 2024 – April 2024

- Co-led a team in developing a smart cat feeder, integrating Raspberry Pi, motors, and software components like Flask and SQLite for the database to create an intuitive user interface and efficient automated feeding system for pets.
- Collaborated on strategic planning and task delegation, facilitating efficient team coordination and timely delivery of the cat feeder system. Created a comprehensive technical report outlining project architecture and outcomes.

SELU Thrift Store | [Link](#) |

Sep 2023 - Nov 2023

- Led group project to develop a fully functional e-commerce site. Engineered ASP.NET Core backend development and drove frontend enhancements with React.js and TypeScript for SELU Thrift Store.
- Incorporated React Context, Mantine UI, and Stripe API to optimize state management, enhance UI design, and ensure secure payment processing for an improved e-commerce experience, resulting in a 20% faster checkout process.

Dipika's Artistry | [Link](#) |

July 2023

- Collaborated on an e-commerce platform for Dipika's Artistry, utilizing React.js, HTML, CSS, and Bootstrap to showcase the artist's creativity and expand audience reach by 25%.
- Implemented React hooks and CSS flexbox for enhanced front-end functionality and improved user engagement.

HONORS AND INVOLVEMENT

Vice President – Nepalese Students Association at Southeastern

May 2024 - Present

- Directed event planning, managed fundraising efforts, upheld cultural values, and strengthened community ties through effective leadership and strategic initiatives.

ULS Academic Summit

April 2024

- Presented an innovative E-library app for professors at the ULS Academic Summit, demonstrating strong collaboration, problem-solving, and technical skills while representing SELU among nine universities at LA Tech.