# Sushant Aryal

✉ sushant.aryal@usm.edu    🔗 aryalsushant.github.io

## EDUCATION

**Computer Science & Mathematics BS**    2023 – 2027
*The University of Southern Mississippi*    Hattiesburg, USA
GPA 4.0

## PROFESSIONAL EXPERIENCE

**Junior Web Developer**    11/2022 – 08/2023
*FinancialNotices*    Kathmandu, Nepal
- Developed responsive landing pages using HTML, CSS, and JavaScript, enhancing mobile user experience and increasing retention by 30%.
- Implemented interactive components with React, improving user engagement and streamlining front-end performance.
- Optimized website load times by 20% through efficient coding practices, including image compression and asynchronous JavaScript loading.

**Resident Assistant**    07/2024 – Present
*Department of Housing and Residence Life, University of Southern Mississippi*    Hattiesburg, USA
- Led a team of 40+ students in fostering a positive living environment, enhancing communication and conflict resolution skills applicable to team-based projects.
- Organized and facilitated events promoting community engagement, demonstrating project management abilities and leadership in coordinating multiple activities.
- Provided peer mentorship and support in academic and personal development, honing interpersonal skills and the ability to manage diverse responsibilities effectively.

## PROJECTS

**FlushBuddy - Public Bathroom Locator**
- Developed a responsive web application using HTML, CSS, and JavaScript, allowing users to locate public restrooms through an interactive map interface.
- Integrated Maptiler's API for real-time navigation and HTML5 Geolocation for precise user positioning.
- Implemented cross-device compatibility, ensuring a seamless and intuitive user experience on both mobile and desktop platforms.

**Macronutrients Calculator**
- Utilized JavaScript to dynamically calculate and display personalized nutrition metrics, providing tailored health insights.
- Implemented responsive design to ensure the application is user-friendly across various devices,
- Enhanced the user interface with interactive elements, improving engagement and ensuring a smooth, user-friendly experience.

**Rock Paper Scissors Game**
- Created an interactive game using JavaScript, featuring a graphical user interface (GUI) where users compete against the computer.
- Implemented game logic and UI interactions, including score recording and game state management.

## SKILLS AND INTERESTS

**Programming Languages: Python, C++, HTML, CSS, JavaScript, Swift**

**Frameworks and Libraries: React, Node, GeoJSON, Maptiler, Bootstrap**

**Tools and Technologies: Git, APIs**

## AWARDS

**President's List**
*The University of Southern Mississippi*

**Academic Excellence Full Tuition and Housing Scholarship**
*The University of Southern Mississippi*