Stephen Joshi

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EDUCATION

The University of Southern Mississippi — Hattiesburg, MS
Major: *Computer Science* — Expected Graduation: Dec 2025
GPA: 4.0

WORK EXPERIENCE

University of Southern Mississippi — Hattiesburg, MS
Mathematics Learning Assistant — August 2023- Present
- Assist students in learning the concepts of their respective mathematics course.
- Assist professors in grading student's assignments.
- Create an interactive class environment among 150 students.

University of Southern Mississippi
Mathematics Tutor — September 2023- Present
- Assist students in resolving their confusions outside of the class.

University of Southern Mississippi (Office of Communication)
General Intern — November 2022- Present
- Handled the day-to-day task of the department.
- Handled the responsibility for inventory of different products.
- Handled calls and desk for the department.

Nepalese Student Association
Treasurer — August 2022- August 2023
- Handled the finance for the association
- Major role in handling events.
- Handled the budgeting of the finance for the organization.

Research Experience

University of Southern Mississippi — Hattiesburg, MS
Research Assistant
Project: Guarding the IoD: Strategies for Secure and Private Drone Networks. — September 2023
- Implemented machine learning methods to create proactive predictive algorithms that can swiftly Detect and react to potential security breaches in real time.

PROJECTS

Score Counter — May 2021
- Used HTML, CSS, JavaScript and React to model the website.
- Features involves keeping track of the score based on user's input.

Birthday Website — August 2022
- Created a website dedicated to my friends to wish them happy birthday.

Nepalese Student Association Website — June 2022 - July 2022
- Built a website for a student association.
- The website listed out events and acted as a mode of communication for the association and it's members.

Honors & Awards

- Academic Excellence Scholarship – Merit based scholarship that covers tuition.

Skills & Interest

- Python
- C++
- JavaScript
- Scrapy
- PyMongo
- MongoDB
- NumPy
- React
- PostgreSQL
- mySQL
- Bootstrap
- jQuery