Sibin Joshi

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Education

THE UNIVERSITY OF SOUTHERN MISSISSIPPI   Hattiesburg, MS

Major: Computer Science   Expected Graduation: May 2026

Relevant Coursework: Computer Science I with lab • Seminar in Computing • Calculus I with Geometry • Calculus II with analytical Geometry • Computer Science II • Secure Software Development • Data Science and Algorithm • Computer System • Foundation of Computer Science • Linear Algebra

United Academy   Lalitpur, Nepal

SAT: 1380   Graduation: July 2022

ACT equivalent: 30

Relevant coursework: Pure mathematics statistics • Chemistry \ Lab• Physics\ Lab

Honors and Awards

Academic Excellence Scholarship

Project

Joshi, Sibin; "Cybernetics' Influence on Labor: The Metamorphosis of Employment in the Age of Robotics" (2023) Oral presentation presented at Seminar in Computing as a final project

Comprehensive study on object detection modules (YOLO, EfficientDet), optimizing for accuracy, speed, and robustness

Designed a C++ program simulating traffic controls for a 4-way intersection with user interaction and object-oriented design principles

Designed a Food Delivery Tracking System in C++ with features like delivery request tracking, cost calculation, and performance metrics.

Community service

United's Tutor Zone (100 hours)   Lalitpur, Nepal

High School Tutoring   August 2021 – July 2022

- Tutored Math and Physics to Grade 11 students
- Prepared students for Grade 10 Final Exams
- Helped them to learn more about STEM major

Work Experience

United Academy   Lalitpur, Nepal

Physics/Chemistry Lab Assistant   August 2021 – July 2022

- Organized and prepared the equipment for experiments
- Helped students during lab experiments
- Cleaned lab spaces

Skills & Interests

● Python	● C++	● Data Visualization
● Adobe photoshop	● HTML	● Excel