

Nitesh Subedi

(662) 380 7351 • Oxford, Mississippi • nsubedi@go.olemiss.edu • <https://github.com/nitSubedi>
• <https://niteshsubedi.netlify.app/>

EDUCATION

University of Mississippi | Major: Computer Science Anticipated Graduation: May 2026

- Minors: Mathematics | 2023/24: Dean's Honor Roll | Resident GPA: 3.5 | Rising Junior
- Member of NEPSA | International Merit Scholarship Recipient
- Relevant Coursework: Linear Algebra(Math 319), Data Structures(CS 211), Discrete Mathematics(Math 301), Elementary Organic Chemistry(Chem 221)

SKILLS

- **Languages/Tools:** Python, Java, HTML/CSS/JavaScript, MySQL, Solidity, Typescript, Git/GitHub,
- **Libraries/Frameworks :** JUnit, Django, Pandas, NumPy, NLTK, MongoDB, Express.js, Flask, Node.js, React, Selenium,

PROFESSIONAL EXPERIENCE

Pre-College Counselor for College Credits Program May 2024- July 2024

University of Mississippi | Pre-College Programs

Exercised leadership, Provided a safe learning experience for high school students, Coordinated activities that allowed students to bond with each other while experiencing University lifestyle.

Residential Assistant March 2023- May 2024

University of Mississippi |

Exercised Leadership role, ensuring housing policy compliance, mediating between residents and building officials and coordinated community events to enhance engagement while actively addressing resident concerns.

Community Desk Assistant October 2022 - March. 2023

University of Mississippi |

Provided outstanding customer service, greeting all students, checking student IDs, answering the phone, taking messages, monitoring the lobby, maintaining the visitation log, assisting student housing staff members, reporting maintenance needs, checking equipment in and out, and other tasks required by the department.

Projects

Hack Beta 2024, Hackathon, Ole Miss

Worked on LeatherMagNLP, an NLP-powered tool to analyze articles, visualize keypoints, and predict fake news within the leather industry. Utilized Python, spaCY, and Plotly to analyze textual data and create informative visuals. Used advanced NLP techniques with transformers and TextBlob for detailed polarity and subjectivity analysis.

MediChain

Created a decentralized healthcare platform leveraging blockchain technology to securely store, manage, and share patient data. It ensures data integrity, patient privacy, and efficient access control through smart contracts. Key features include encrypted data storage, permissioned access for healthcare providers and patients, and auditable transaction records.

Basic Blockchain

Created a basic Blockchain in python that can perform and record transactions. Implemented consensus algorithm to resolve conflict of one with a different chain to another node by making the longest valid chain as the authoritative node.

Bitcoin price tracker: Used Typescript and aircode to create an interactive website that compares the price of bitcoins from four different websites.

