Susan Subedi

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EDUCATION

THE UNIVERSITY OF MISSISSIPPI

B.S.IN COMPUTER SCIENCE
Minor in Mathematics
Oxford, MS | Expected May 2021

SKILLS

Java • Python • HTML5 • CSS • JavaScript • NodeJS • MySQL • GIT • PHP • Bootstrap • AWS • Data Visualization • Machine Learning

COURSEWORK

- Advanced Programming
- Advanced Data Structures and Algorithm Design Analysis
- Fundamentals of Data Science
- Discrete Mathematics
- Database Systems
- Introduction to Statistical Methods
- Web Programming
- Computer Organization and Operating Systems

ACCOMPLISHMENTS

- Academic Excellence Scholarship
- University of Mississippi Provost Scholar
- Chancellor's Honor Roll

LINKS

Github:// SusanGuy
LinkedIn:// susansubedi1

WORK EXPERIENCE

THE UNIVERSITY OF MISSISSIPPI ,DEPARTMENT OF COMPUTER SCIENCE |
LAB TEACHING ASSISTANT
August 2019 - Present

- Teach lessons and instruct lab periods in JAVA
- Serve as a communication liaison between the students and professor

PROJECTS

BagDrop | August 2019

- Designed the frontend UI interactive components using ReactJS and Bootstrap4
- Used ExpressJS for creating routes, passport JS for authentication and Paypal's API to integrate payment

YayorNay | November 2019

- Designed an Alexa Skill using Alexa Skill kit and AWS's Lambda Function
- Used NodeJS on the backend and RateMyProfessor.com's Api to fetch the data, store it using MongoDB and integrate with Alexa skill.

BOOKING WEBSITE | BACKEND DEVELOPER
April 2019

- Developed Restful APIs using NodeJS Express Framework
- Setup RDBMS and database interaction code using MySQL and configured Amazon AWS (Elastic Beanstalk, RDS, etc.)
- User authentication and authorization between multiple systems, servers, and environments using Google OAuth and JWT(Javascript Web Tokens)

SENTIMENT ANALYSIS OF 1.4 MILLION CELL PHONE REVIEWS | March 2019

- Used Data Visualization techniques with Python to observe a pattern among cell phone reviewers and draw a statistical conclusion
- Used TF-IDF Vectorizer and Linear SVM Classifier from scikit-learn library of Python to create a sentiment analysis model that had an accuracy of 94.5%