

# Susan Subedi

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## EDUCATION

### THE UNIVERSITY OF MISSISSIPPI

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

## SKILLS

- HTML5 • CSS3 • Sass
- JavaScript • React • Redux
- NodeJS • SQL • GIT • GraphQL
- MongoDB • Data Visualization
- Flutter • Java • Python

## COURSEWORK

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

## ACCOMPLISHMENTS

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

## LINKS

Github:// [SusanGuy](#)

LinkedIn:// [susansubedi1](#)

## PROJECTS

### Sahayog | August 2020 (Ongoing)

- A crowdfunding go fund me like initiative for Nepal that allows people to raise money for events ranging from life events such as celebrations and graduations to challenging circumstances like accidents and illnesses.
- Developed the web version using React/Redux and Node/Express Stack and mobile app using Flutter
- Implemented Stripe API for international payment and Khalti's and Esewa's API for payment in Nepal

### Corona In Nepal | June 2020

- Developed a full stack web app with React and integrated with Express backend to display real time Covid-19 stats
- Used Sass for styling d3.js library to draw map of Nepal and charts indicating data visualization

### Scrumptious | May 2020

- Developed a recipe managing web application using MERN Stack that lets you browse recipes, filter and favorite them
- Used Spoonacular's API to populate the MongoDB database with some pre-existing recipes
- Integrated AWS-S3 bucket for file storage (user images, recipe images)
- Implemented redux to store overall state for the frontend and redux thunk for asynchronous data fetching from the backend

### Cool Clothing | January 2020

- An e-commerce platform to buy clothes built using ReactJS and Sass and implemented Redux to store overall app state and redux thunk to fetch data from the backend
- Used Firebase for login/signup authentication and firestore for data storage
- Implemented Stripe API for payment processing

## HACKATHONS

### YayorNay | VandyHacks | November 2019

- Designed an Alexa Skill under 36 hours 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.