

Shwetha Umashanker

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EDUCATION

Purdue University, West Lafayette, IN

GPA: 3.67, May 2021

Bachelor of Science in Computer Science || Certificate in Entrepreneurship and Innovation

EXPERIENCE

Web Development Intern, Smart Doctors

May 2020 - July 2020

- Developed from scratch responsive landing pages and front-end for several other pages using HTML, CSS, JavaScript, **SASS** and **Bootstrap**
- Implemented video chat functionality using Twilio's **REST API** in a **PHP, MYSQL** based web application

Software Engineering Intern, Salesforce

May 2019 - August 2019 | Indianapolis, IN

- Refactored legacy code in **C#** and **.NET** to reduce the risk of bugs due to technical debt, created performance tests for verification
- Completed production level **automated API and UI tests**, while learning a new language and testing framework

Project Manager, Engineering Projects in Community Service (EPICS)

Purdue University | January 2018 - Present | West Lafayette, IN

- **Managing** the delivery of **three projects**, responsible for the project initiation, planning, execution, controlling and closing out of the project
- Developing, in a team setting a **web application** for teachers of deaf students to track their student's Individualized Education Program goals

PROJECTS

Be Better Together

- Utilized **JavaScript**, **HTML 5**, and **CSS** to create a multi-user, full-stack social media website to enable users to make posts about being environmentally friendly
- Collaborated with a teammate to work on the backend of the application using **NodeJS** and Express frameworks, MongoDB to host user data, and hosted the website through Heroku

Food Scanner

- Worked with **JavaScript**, **HTML** and **CSS** to design a web application that allows users to upload an image of their food and in return displays a list of ingredients, allowing them to identify ingredients that could trigger allergies
- Contributed to the frontend of the application and used the Clarifai API to integrate their food model into the website

Hurdle Jump

Developed a web-based game using **HTML**, **CSS** and **JavaScript** that involves user to jump through obstacles using their keyboard

Chat Application

Created a cross-platform chat application using a **C++** back-end and **QT** for the user interface

SKILLS

Languages: Java, C#, .NET, C, C++, HTML5, CSS, SASS, JavaScript, SQL, Bash, Python, PHP

Technologies: GitHub, Bootstrap, NodeJS, React, MYSQL, MongoDB, Heroku, Vim, , Agile methodologies

COURSEWORK

C Programming, Computer Architecture, Competitive Programming, Data Structures and Algorithms, Data Mining and Machine Learning, Foundations of Computer Science, Information Systems, Object-Oriented Programming, Software Engineering, Systems Programming

ACTIVITIES

CS 348: Information Systems | Teaching Assistant

August 2019- Present

Purdue Student Union Board | Board Member

August 2017- Present

Purdue Science Student Council | Committee head

November 2018- August 2019