Shwetha Umashanker

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EDUCATION

Purdue University, West Lafayette, IN   GPA: 3.64, May 2021
Bachelor of Science in Computer Science || Certificate in Entrepreneurship and Innovation

EXPERIENCE

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, JavaScript, SQL, Bash, Python
Technologies: Agile methodologies, GitHub, TFS, Tomcat, Android Studio, QT, Atom, Heroku, Vim, MongoDB

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
Guide students on lab and prepare homework assignments
Purdue Student Union Board | BOARD MEMBER   August 2017– Present
Working with a committee of students to put on various fine arts events
Purdue Science Student Council | COMMITTEE HEAD   November 2018– August 2019
Lead the publicity and fundraising committee and organized multiple promotional events on campus
LaunchPad Mentor| MENTOR   August 2018– December 2018
Mentored an incoming freshman by working with them on a personal project