

# SARTHAK NEGI

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## SKILLS

**Programming** | Python • Java • JavaScript • C  
**Web** | HTML • CSS • MySQL  
**Tools and Frameworks** | React • Git • VSCode • Flask • Linux • Vim • Bootstrap • Parcel • Google Workspace

## EXPERIENCE

**UTSA Computer Science - Tutor** **January 2023 - present**  
• Tutoring students for the following CS courses - Introduction to CS, Programming 1 in Java, Programming 2 in C and Data Structures (C).

**CodeQuantum Hack - Mentor** **November 2022**  
• Mentored in the first iteration of CodeQuantum, with around 50 hackers  
• Assisted hackers with **Flask, Python, JavaScript, Java, and HTML**

**Assav Organics - Tech Support** **Summer 2020**  
• Maintained all backend operations of the company's website and user data  
• Remodeled the front end of the company's website

**Association for Computing Machinery (ACM UTSA) - Member**  
**EDUCATION**

**The University of Texas at San Antonio** **Expected Graduation: May 2025**  
*B.S. in Computer Science* *Distinguished Presidential Scholar, GPA: 3.78 (Major - 4.0)*  
Relevant Coursework - Programming I in Java, Programming II in C, Discrete Mathematics, Calculus I, Calculus II, Data Structures, Math Foundation of CS, Systems Programming (Spring 23), Application Programming (Spring 23), Analysis of Algorithm (Spring 23)

## PROJECTS

**Peerspace ( HackUTD 2022 )**  
• Web application that lets only college students with .edu email addresses create accounts and socialize with people on the same campus with similar interests.  
• Used: **HTML, CSS, Python, Flask**

**Work-Tracker** **May 2022**  
• Web application that lets the user keep a record of daily cycling and running activities by plotting them on a map  
• Uses a **Geolocation API** to find the user's location and then renders a map using the **Leaflet** library and the **OpenStreetMap API**  
• Deployed the web app on **Google Firebase**  
• Used: **HTML, CSS, JavaScript, Geolocation API, Leaflet, Firebase**

**Personal Portfolio website** **Aug 2022**  
• Designed and created my own web portfolio  
• Deployed the website on **Netlify**  
• Used: **HTML, CSS, JavaScript, Bootstrap 5**

**Where Am I** **June 2022**  
• Web application that uses the **Geolocation API** to get the user's coordinates and displays information about the country the user is in  
• Uses **fetch, async, and await** to get information from the **RESTCountries API**  
• Used: **HTML, CSS, JavaScript**

**Task Manager**  
• Designed a basic **CRUD** application that lets the user keep track of daily activities  
• Used: **Python, Flask, SQLite, CSS, HTML**

**Student records application (Coursework)** **Fall 2021**  
• Coded a **Java**-based student records application to assist teachers in maintaining and generating reports of up to 1000 students

## ACHIEVEMENTS AND ACTIVITIES

- Recipient of the Honor Roll certificate at UTSA. (**Fall 2021, Spring 2022**)