

SARTHAK NEGI

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SKILLS

Programming | Python • Java • JavaScript • C
Web | HTML • CSS • MySQL
Tools and Frameworks | Pytorch • Tensorflow • React • Git • Flask • Linux • Vim • Bootstrap • Parcel

EXPERIENCE

- UTSA Data Analytics Center - Research Assistant** **March 2023 - present**
- Developing machine learning models using **Pytorch** to work on data collected from the SEC database
 - Assisting in the maintenance of SQL database servers
- UTSA Computer Science - Tutor** **January 2023 - present**
- Tutoring students for the following CS courses - Introduction to CS, Programming 1 in Java, Programming 1 in Python, 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**

ACHIEVEMENTS AND ACTIVITIES

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