

SARTHAK NEGI

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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 - Data Structures, Programming I in Java, Programming II in C, Discrete Mathematics, Systems Programming (Spring 23), Application Programming (Spring 23), Analysis of Algorithm (Spring 23)

SKILLS

Programming Languages - Python • Java • JavaScript • C • HTML • CSS • MySQL

Technologies - Pytorch • Tensorflow • Pandas • React • Git • Flask • Linux • Vim • Bootstrap

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

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**

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**)