Jatin Suri

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Education

University of Maryland Baltimore County   Baltimore, MD
Bachelor's in computer science   2021 – 2025
River Hill High School   Clarksville, MD
GPA 3.60   2017 - 2021

Relevant Courses

C++, Python , Data Structures, Discrete Structures, Linear Algebra, Calculus, Physics

Technical Skills

Languages
C++, Python, HTML
Tools and Libraries
Git, CAD Modeling, Autodesk Fusion 360 and Inventor, macOS, Linux, Windows, GitHub

Projects

Discord Bot - **GitHub**
- Developed a Discord bot that generates gifs and predicts outcomes of events based on user input.
- Python API wrappers (Discordpy and Intercationspy) were used to help streamline the process.
- Utilized Git to manage version control, and hosted the bot on Oracle Cloud.
- Integrated with Tenor API, that is used by Discord and Whatsapp for gif generation.

Personal Website - GitHub
- Created a website using basic HTML, CSS.
- Hosted the website on Oracle Cloud and then on Netlify.
- Built a linux instance on Oracle Cloud and used an Apache web server, to host the website on Oracle Cloud.
- Hosted the website on Netlify using github webhooks.

Flash Card - GitHub
- Programmed a Flashcard program, like Quizlet, where you can insert and delete flashcards based on how many you have gotten right vs wrong.
- It uses a doubly linked list to hold the data, as it allows for easy deletion and insertion and allows for extremely easy single output, as each "card" points to its previous or next card.

CAD models - GitHub
- An assortment of CAD models that were created and 3D printed.
- Personal favorites are Christmas rotating stand, power outlet cover, Mouse trap car.

Activities

Sports
- Cricket, Basketball, Karate, Ultimate Frisbee

Volunteering
- Red Cross (2019 - 2021) - Assisted in blood transfers and dispensed refreshments.
- Columbia Association (2019) - Assisted in providing better physical health care to the community.
- UMBC (2016) - Aided in making sandwiches for the homeless in Washington D.C.

Clubs and Extracurricular Activities
- Pursued my interest in STEM and was a part of Rocket Club in ARL, a Technical High School, where we use our abilities in STEM to build rockets.
- Joined Astronomy Club at UMBC to satisfy my lifelong curiosity of the cosmos.
- Learned and perfected the craft of 3D printing through the use of Autodesk in Makers club.