

Rohan Dev Mittu

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Education

Sherwood High School, Sandy Spring, MD - *Expected Graduation June 2021*

- GPA: 4.0 / 4.0; WGPA: 4.7 / 5.0
- Honors/AP Student for all core subjects, math, science, English and social studies
 - Completed the Java AP Computer Science exam during 8th grade and received a score of 5.
 - Received a score of 5 in: AP Physics 1, AP Biology, AP US Government and Politics, and AP US History.
 - Scored 800 on the Molecular Biology SAT Subject Test
- Member of American Chemical Society ChemClub, Mu Alpha Theta Math Honors Society, TRI-M Music Honors Society, and National English Honors Society
- Lab experience in AP Biology, and AP Physics 1 classes

Professional Experience

NASA Goddard Space Flight Center, Greenbelt, MD - *Software Development Intern*

June 2019 - August 2019

- Created test procedures for the validation and verification of the visualization and GUI of robotic arm simulation software in the Robot Ground System of the Restore-L flagship mission.
- Researched and made a presentation on the Robotic Ground System of the Restore-L flagship mission.
- Studied spatial rotations for computer graphics and robotics using rotational matrices and quaternions.

Technical Skills: Python, HTML, Git, IntelliJ, Powerpoint

Extra Curricular

Hackathons - *Worked in teams to develop a variety of projects*

- RAMHacks 2018 Hackathon (*September 2018*)
- UMD Bitcamp 2017 Hackathon (*April 2017*)
- HackUMBC: Developed a virtual assistant app that uses SMS and MMS to give the user information that the user would normally need the internet for. The app was written in PHP. Won the "Booz Allen Hamilton Most Game Changing Hack" award. (*October 2016*)
- PennAPPS: Developed an app for both phone and PC, GotGas, that determines the most fuel efficient and least costly route from one location to another. The app was written in JavaScript. (*September 2016*)
- MLH Prime: Developed a social media app that finds other users in the vicinity with shared interests. The app was written in Java and PHP with MySQL for the database (*August 2016*)
- UMD Bitcamp 2016 hackathon: Developed a virtual piano that used Leap Motion to track the user's hand. The app was written in Java. (*April 2016*)

Tutor

- Tutor middle school and high school students in math and science (*September 2015 – Present*)

Music

- Sherwood High School's Rock 'N' Roll Revival #47 and #48 (*2018, 2019*)
- Montgomery County All County Senior Honors Band – First Chair (*2019*)
- Maryland's All State Junior Honors Band (*2018*)

Karate (Tompkins Karate Association – TKA)

- Assist in the instruction of students in a children's TKA karate class (*June 2018 - Present*)
- Brown belt in Tang Soo Do Karate and Jujitsu through TKA. (*2013 – Present*)