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Summary

Currently 2nd-year undergraduate SLIET||B.E, EE.

Experience in Python, Arduino, and Simulation software (Coppelia Sim).

Coding and Robotics enthusiast with experience in Asteroid Hunting (NASA). Open to new opportunities.

Experience



🚳 NASA citizen scientist

NASA - National Aeronautics and Space Administration

Jun 2022 - Present (5 months +)

During the Recent IASC Campaign (International Astronomical Search Collaboration), Our Team Reported 11 Potential Asteroids, out of which Two of them (P21uUo4, P21uUny) were Considered Preliminary Discovery By IASC.

Education



Sant Longowal Institute of Engineering and Technology

Bachelor of Technology - BE, Electrical engineering

Dec 2021 - Present

Railway Higher Secondary School

Higher Secondary, High School/Secondary Diplomas, and Certificates Apr 2018 - May 2020



Little Flowers English School

Secondary, Regular/General High School/Secondary Diploma Program. Up-to March-2018

Licenses & Certifications

RoboTryst Junior – ROBO SAPIENS TECHNOLOGIES Pvt. Ltd. 029985(TRYST-2018 IIT'Delhi-obstacle course RC bot, LFR)—ZONAL 1st.

Skills

Python- Arduino IDE-Electrical Engineering -Image Processing - Astrometrica - Robotics - Digital Marketing- C++ (Programming Language).



Prospects/Projects/Field of work (Future)

Arduino-IDE(Robotics), Electric Vehicles, Python (NumPy, Pandas, Matplotlib), OpenCV, Astrometrica.

Honors & Awards



Citizen Scientist - NASA - National Aeronautics and Space Administration

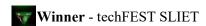
Jun 2022

Successfully reported 11 Potential Asteroids, out of which Two of them (P21uUo4, P21uUny) were Considered Preliminary Discovery By IASC.



Jun 2022

Third prize in Line Follower Robot Competition.



Jun 2022

Winner in Nava Yuva Srujana category (Innovation in Agriculture). Designed a prototype of a Soil Monitoring Bot, using NPK sensors for monitoring nutrients like Sodium, Potassium, Nitrogen, and Water Content in soil.

🐨 2nd Runner up-techFEST SLIET

Jun 2022

Third prize in the Maze solver bot category. (Mazyrinth)