Srinjoy Chakraborty

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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.**



**2nd Runner up** - techFEST SLIET

Jun 2022

**Third prize in Line Follower Robot Competition.**



**Winner** - techFEST SLIET

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)**

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