

SHANTANU DASH

Physics Undergraduate

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WHO AM I?

I'm a 3rd Year Student of Physics at *Dyal Singh College, University of Delhi*. I'm interested in all kinds of Physics. I am a recipient of the *INSPIRE scholarship*. I've also been awarded the *IASc-INSa-NASi Summer Research Fellowship* in 2021.

Python – Proficient
C++ – Intermediate
Scilab – Intermediate
Maxima – Proficient
Git – Beginner
LaTeX – Intermediate

EDUCATION

2019 – 2022	Bachelor of Science(Honours) in Physics I am currently in my 3 rd (final) year of college. Current GPA-8.84/10.0	Dyal Singh College, University of Delhi
2019	Highschool Diploma I studied Physics, Chemistry, Math, English, Computer Science and Physical Education at school scoring a cumulative 95.6% in the AISCCE(All India Senior School Certificate Examination).	Army Public School Barrackpore

EXPERIENCE

10/2021 – Now part time	Freelancer Helping people in implementing problems in computational sciences and algorithms. Programming	Fiverr and Upwork
12/2020 – Now	Senior Associate A club for college students at Dyal Singh College who have a knack for problem-solving and are passionate about a career in Consulting. Consulting / Problem-Solving / Teamwork-Leadership	The Consulting Club, Dyal Singh College
10/2020 – Now part time	Subject Matter Expert(Advanced Physics) Helping students all over the world in a better understanding of physics. Advanced Physics / LaTeX	Chegg Inc.
02 – 03/2020 Volunteering	Student Volunteer and Educator Teaching the general public about current Global Scientific Projects. Vigyan Samagam Exhibition at National Science Center, New Delhi. Science Communication	Department of Atomic Energy, Government of India

ACCOMPLISHMENTS

06/2019	Certificate of Academic Excellence Awarded Certificate and prizes by Chief Of Army Staff, General Mukund Naravane (then Commander of Eastern Command) for Academic Excellence in High School (All India Senior School Certificate Examination).
2019	INSPIRE Scholarship Monthly Scholarship for 5 years by Government of India for academic excellence and study in pure sciences. I received the prestigious INSPIRE scholarship, a programme run by the Department of science and technology. The scholarship is one of the most competitive scholarships as only 10,000 students are selected from all around the country, and are funded by the Department of Science and Technology.

29/01/2020

Best Presentation

Awarded Best Speaker and Presentation(1st) for presentation on "Standard Model of Particle Physics" at the Seminar for Physics conducted by Department of Physics, Dyal Singh College

2021

IASc-INSa-NASi Summer Research Fellowship

For the year 2021 under Dr. Abhirup Dutta, IIT Indore. I was tasked with studying, developing and implementing data analysis techniques on astrophysical data obtained from radio interferometers, with special emphasis on optimization of speed and processing of large data.