

# BARSHAN RAY

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## PERSONAL PROFILE

Currently enrolled in the BS/MS program at IISER Kolkata, I aspire to pursue a career in physical sciences. The broad subject of astrophysics appeals to me, with an admitted bias towards stellar physics and nebulae. I am looking for opportunities to gain more experience in the aforementioned subjects. computer science (both theoretical and implementational) incite a passion and excitement in me like no other.

## SKILLS

- Quick, intuitive learner
- Python
- Julia
- C++
- C
- Java
- Neural Networks
- LaTeX
- C#

## AREAS OF INTEREST

- Astrophotography
- Coding
- Gaming
- Basketball
- Football
- Ricing

## EDUCATION

### BS-MS Dual Degree

IISER Kolkata | 2020-ongoing

CGPA: 8.52 (V Semester)

### 12th Board Exams (ISC)

St. Mary's Higher Secondary School | 2019-20

Aggregate: 94%

## FELLOWSHIPS & GRANTS

**KVPY** (Kishore Vaigyanik Protsahan Yojana) 2018

SA fellow, who secured a rank of AIR 381.

KVPY ID: A51010934

A junior scholar in the Jagadis Bose National Science Talent Search (**JBNSTS**) program in my +2 level. JBNSTS Scholar ID: 488

## CONFERENCES & SCIENCE CAMPS

- **JBNSTS Summer Science Workshop program** in 2019, held in IISER Kolkata.
- **Vijyoshi Camp** organised by KVPY in 2019, held in IISER Kolkata.
- **SOKENDAI Asian Winter School**, 2022 on astronomy and astrophysics.
- **SPARC Workshop** on Machine Learning in Solar Physics and Space Weather, 2022 held in CESSI.

## EXPERIENCE

Currently tinkering around at the **Center of Excellence in Space Sciences India**. (CESSI)

- Learning plotting and analysis of solar data
- Helping maintaing the CESSI space weather website