

# SARTHAK MAJI FRAS

## CS UNDERGRADUATE

### CONTACT

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Vill+PO: Golgram, PS: Debra,  
District: Paschim Medinipur, Golgram,  
West Bengal - 721136, India

### SKILLS

- Python, JavaScript, C++
- Microsoft Office (Word, PowerPoint, Excel, OneNote and Outlook)
- MATLAB
- Adobe Photoshop
- Pandas, NumPy, scikit-learn, TensorFlow

### HOBBIES

- Photography
- Birdwatching
- Astronomy
- Astro-Photography
- Singing

### LANGUAGES

- English
- Hindi
- Bangla

### AWARDS

- Fellowship at Royal Astronomical Society
- Silver Crown
- Gold Crown
- KCLSU Volunteering Certificate

### PROFILE

I am currently a Computer Science student pursuing a B.Sc degree at Birla Institute of Technology and Science, Pilani. I find this subject incredibly fascinating, and I take pleasure in utilizing my coding and astronomy skills in diverse areas. I am always eager to learn about the latest technological advancements that can aid in uncovering the mysteries of the universe.

### EDUCATION

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|--|---------------|
| <b>Birla Institute of Technology and Science, Pilani</b><br>BSc Computer Science   | 2024- Current |
| <b>King's College London, University of London</b><br>Undergraduate Diploma in Physics with Astrophysics and Cosmology                               | 2020- 2023    |
| <b>Genesis Global School, Noida, India</b><br><u>Class XII (CBSE Board)</u><br>Subjects: Physics, Mathematics, Computer Sciences, Chemistry, English | 2016- 2020    |
| <u>Class X (CBSE Board)</u><br>Subjects: English, Mathematics, Science, Social Science, Hindi  |               |

### WORK EXPERIENCE

|   |               |
|---|---------------|
| <b>Laxmimoti Trading, Golgram, West Bengal</b><br>Manager   | 2023- Current |
| <b>CERN Masterclass at CERN, Geneva, Switzerland</b> <ul style="list-style-type: none"><li>Research work program for CMS Collaboration.</li><li>Attended lectures from various scientists like Dr Archana Sharma and visited the Antimatter Factory.</li><li>Got the chance to see and learn about CMS (Compact Muon Solenoid) detector site at CERN.</li></ul> | June 2019     |
| <b>Rocketry Workshop at NASA, Kennedy Space Centre</b> <ul style="list-style-type: none"><li>Learnt about the internals of a rocket.</li><li>Built a model rocket and launched it to test it.</li><li>Tour of NASA</li></ul>  | June 2016     |

### PROJECT

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|---|--|
| <b>Personal Portfolio Website</b> <ul style="list-style-type: none"><li>Designed and developed a personal website (srtkmaji.com) showcasing projects, and technical expertise.</li><li>Implemented SEO best practices, increasing site traffic by 40%.</li></ul>  |  |
| <b>Vivekananda College of Education Website</b> <ul style="list-style-type: none"><li>Developed the official website for Vivekananda College of Education (vivekanandace.co.in), focusing on responsive design, modern UI/UX, and robust information architecture to enhance online presence and user engagement.</li></ul> |  |
| <b>Student Management System</b> <ul style="list-style-type: none"><li>Implemented a robust Student Management System using PHP and MySQL, featuring CRUD (Create, Read, Update, Delete) functionalities for efficient student data management, course enrollment, and record keeping.</li></ul>                            |  |

### VOLUNTEERING

|  |                    |
|--|--------------------|
| <b>Vice President - KCL Space &amp; Maxwell Society</b>    | AUG 2022- AUG 2023 |
| <b>Head of Marketing - KCL Space &amp; Maxwell Society</b> | AUG 2021- AUG 2022 |
| <b>Sub-Committee Marketing - KCL Space</b>                 | AUG 2020- AUG 2021 |
| <b>Head of Marketing - Robotics Society</b>                | AUG 2020- AUG 2021 |