SMITA SARKAR

📞 (+91)9830654013 | 🎂 19.10.1997 | ✉ smitasarkar1910@gmail.com | in smitasarkar | 📍 88, Deshpriya Sarani, Khamarpara Belatala, P.O. Bansberia, Dist. Hooghly, West Bengal, India, 712502

Education

Indian Association for the Cultivation of Science
Master Of Science in Mathematics and Computing with specialization in Computer Science
Sep. 2021 - June 2023
CGPA: 7.89

University of Burdwan
Bachelor of Science (Honours) in Computer Science
July 2018 - Aug 2021
CGPA: 9.17

Auxilium Convent School, Bandel
Class XII - ISC
PERCENTAGE: 90.5 %

Auxilium Convent School, Bandel
Class X - ICSE
PERCENTAGE: 91.8 %

Publications

[1] **A** MODEL-BASED APPROACH FOR FLIGHT DELAY PREDICTION, Ayan Dutta, Mrittika Nandi, Smita Sarkar, Swetlina Hota, Suklav Ghosh *Indian Journal of Applied Research*, Volume-13, Issue-5, May-2023. [https://www.doi.org/10.36106/ijar]

Technical Skills

Programming	C, C++, JAVA, Python, R, HTML, PHP, CSS, JavaScript, MySQL, Bootstrap
Drawing & Typesetting	LATEX
Languages	English (C2 Proficient), Bengali (Vernacular), Hindi

Research Projects

Master's Project
Topic: The Analysis of Longitudinal Data with Machine Learning
Supervisor: Dr. Kiranmoy Das, Associate Professor, Applied Statistics Division, Indian Statistical Institute, Kolkata
September 2022 - Present

Summer Project 2022
Topic: Airlines Delay Prediction
Supervisor: Dr. Kiranmoy Das, Associate Professor, Applied Statistics Division, Indian Statistical Institute, Kolkata
July 2022 - September 2022

Undergraduate Project (6th Semester)
Did a project and presentation on Web Development by creating an online quiz system using HTML, JavaScript, CSS, PHP, MySQL under the guidance of Professor Rupan Panja during my B.Sc. final semester and secured full credits and outstanding grades.

Undergraduate Project (5th Semester)
Did a project on Internet Technologies by creating an online login portal for a college during B.Sc. 5th semester under the guidance of Professor Rumpa Seth and secured full credits.

Awards and Honours

Fellowship: Awarded monthly stipend by Indian Association for the Cultivation of Science on behalf of Department of Science and Technology, Government of India

Academic Achievements

1. MPST 2021 (MS-PhD entrance examination of IACS, Kolkata) - AIR 7

2. Qualified GATE 2023 in Computer Science and Information Technology (CS)

Seminars and Workshops

1. Attended the International Workshop on Machine Intelligence Data Analytics jointly organized by Department of Information Technology Centre for Faculty Staff Development, Sikkim Manipal Institute of Technology and IDEAS-Technology Innovation Hub, Indian Statistical Institute, Kolkata during June 19-21, 2023.

2. Attended on-site in the Workshop on Decision making with advanced Excel being organized jointly by Computer Society of India, Kolkata and St. Xavier's College (Autonomous), Kolkata - Postgraduate and Research Department of Computer Science on June 17 and 24, 2023.

3. Attended the Workshop on use and applications of advanced SPSS organized by Computer Society of India, Kolkata Chapter during May 22-26, 2023.

4. Attended on-site in the Workshop on Application of Statistics and Machine Learning in Environmental Research organized by Indian Statistical Institute, North-East Centre, Tezpur during March 01-03, 2023.

5. Attended a webinar on "Introduction to Big Data and its Applications" organized by Computer Society of India, Kolkata Chapter on March 11, 2023.

6. Attended a webinar on "Computed Tensor Imaging of Human Brain Architecture by MRI: Window to Personalized Treatment using Neuro informatics and Digital Signal Processing" organized by Computer Society of India, Kolkata Chapter on September 11, 2022.

Research Interests

- Data Analysis
- Applied Statistics
- Data Science
- Medical Statistics
- Machine Learning
- Bioinformatics

Relevant Courses

Data Mining and Knowledge Discovery, Artificial Intelligence, Machine Learning, Statistics with R, Computational Biology and Bioinformatics.

Certifications

1. Deep Learning - Computer Society of India

2. Programming with Python - Internshala

3. Programming with C and C++ - Internshala

4. Web Development - Internshala

5. JavaScript, understanding the weird parts - Udemy

Memberships

1. E-Student member of Royal Statistical Society (RSS)

2. Student member of Institute of Mathematical Statistics

3. Student member of PSI (Statisticians in the Pharmaceutical Industry)

Skills

Problem-solving, teamwork, communication, time-management, leadership, event management.

References

- Dr. Kiranmoy Das
  Associate Professor, Applied Statistics Division, Interdisciplinary Statistical Research Unit, Indian Statistical Institute, Kolkata
  ☎ (+91)8017354328 ✉ kiranmoy.das@gmail.com
- Dr. Rajarshi Ray
  Assistant Professor, Computer Science Unit, School of Mathematical and Computational Sciences, Indian Association for the Cultivation of Science
  ☎ (+91)8787574211 ✉ raj.ray84@gmail.com