

SAYAK CHOWDHURY

M.Sc. in Big Data Analytics

Ramakrishna Mission Vivekananda Educational and Research Institute, Belur Math, West Bengal, India

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Sayak-69

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PROJECTS

- **FER2013: Facial Emotion Detection Using Deep Learning**
Jan.'25 - Apr.'25, RKMVERI
Faculty: Br. Bhaswarachaitanya
- **Pneumonia Detection: Prediction of Pediatric Pneumonia using DL**
Jan.'25 - Apr.'25, RKMVERI
Faculty: Dr. Soumitra Samanta
- **MNIST: A Machine Learning Classification Approach using ML**
July.'24 - Nov.'24, RKMVERI
Faculty: Br. Bhaswarachaitanya

COURSEWORK

- **RKMVERI**
 - Data Structure and Algorithms
 - Java and Hadoop
 - Machine Learning
 - Computer Vision
 - Time Series & Survival Analysis
 - Deep Learning and NLP
- Probability and Stochastic Process
- Advanced Statistics
- Econometrics & Finance
- Reinforcement Learning
- Artificial Intelligence
- Reinforcement Learning
- Optimization Theory and Algorithms (NPTEL)

ACHIEVEMENTS/CERTIFICATIONS

- TCS ION - Artificial Intelligence with Python - Deep Neural Networks (May 2025)
- Silver Elite in NPTEL Optimization Theory and Algorithms Course(Aug - Nov, 2024)
- Winner of Paperadox (Paper Presentation) Event of Analytica'24 - Dept. of Mathematics, SXC
- VSkills - Artificial Intelligence Course (Jan 2023)
- AIR - 27 at National Level Science Talent Search Examination (NSTSE) (Jan 2021)
- Winner of several other National and International Olympiads in Mathematics, IT and Science of 10+2 level e.g National - Silverzone, SOF and International - HKIMO, HKISO, SEAMO, PIMSO, WMI, SASMO, TIMO, VANDA to name a few.

WORK EXPERIENCE

- Quality Assurance Specialist(Remote) - Chegg Inc. (Jan '23 - Dec '23)
- Subject Matter Expert(Remote) - Leanasyougo (Oct '22 - Nov '22)
- Subject Matter Expert(Remote) - Fullscore (June '22 - July '22)
- Subject Matter Expert(Remote) - NioClass (April '22 -May '22)

EDUCATION

- **Ramakrishna Mission Vivekananda Educational and Research Institute, Howrah**
M.Sc. in Big Data Analytics
2024 - Present (Sem-1) CGPA: 6.09
- **St. Xavier's College Kolkata**
B.Sc.(H) in Mathematics
2021 - 2024 CGPA: 6.02
- **Mansur Habibullah Memorial School**
Indian School Certificate (10+2)
2019 - 2021 Score: 96.25%
Indian Certificate for Secondary Education (10)
2008 - 2019 Score: 94.4%

TECHNICAL SKILLS

- **Programming Languages:**Python, Java, C, C++, Latex
- **Frameworks:** Hadoop
- **Tools:**Git/Github, MS Office
- **Operating System:**Windows, Linux (Ubuntu)

ACTIVITY

- **RKMVERI**
 - Organizing Committee Member (Quiz-master of ExQuizzit), Perceptron 2025 (annual departmental tech fest) [Jan.'25]
- **St. Xavier's College (SXC)**
 - Organizing Committee Member, SIGMA 2024 (annual fest of Science Association)
 - Editorial Board Member, Pebbles 2024 (annual magazine of Science Association)
 - Event Head and PR Head, Analytica 2023 (annual departmental fest)
 - Student Ambassador, National Students Space Challenge - IIT Kharagpur
 - Campus Ambassador, E-Cell, IIT Bombay

HOBBY

- Quizzing - Winner of multiple Inter College, U-25 and Open Quiz Events. Invited as QMs to host multiple quizzes.
- Chess
- Speed-Cubing - Asia Book of Records '21
- Playing Guitar and Singing