

CURRICULUM VITAE

Rounak Sau

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CAREER OBJECTIVE

Seeking a position where I can apply my academic knowledge and research ideas with a focus on offering quality teaching and motivating students.

EDUCATIONAL QUALIFICATION

Maulana Abul Kalam Azad University of Technology, West Bengal	2024 – 2026
Master of Technology in Data Science	9.58 CGPA

Brainware University, West Bengal	2020 – 2024
Bachelor of Technology in Computer Science & Engineering	9.39 CGPA

Joteganashyam Nilmohi High School, West Bengal	2018 – 2020
Higher Secondary Examination	81.40%

Bhagwanchak Patiram Siksha Niketan, West Bengal	2017 – 2018
Secondary Examination	83.85%

WORK EXPERIENCE

Assistant Professor: Department of Computer Science And Engineering	August 2026 – Present
Swami Vivekananda University, West Bengal	

Teaching Assistant: Department of Emerging Technology	August 2025 – July 2026
Maulana Abul Kalam Azad University of Technology, West Bengal	

TECHNICAL SKILLS

Language: C, Java, Python, SQL, MatLab

Data Science & AI Tools: Scikit-learn, TensorFlow, PyTorch, Keras

Fundamentals: OS, DBMS, Machine Learning, Big Data Analytics, Data Science, Deep Learning

Tools: IntelliJ, Eclipse, Visual Studio, Google Colab, Jupyter Notebook

Others: Linux(Ubuntu), LaTeX, Microsoft Office

PROJECTS

Abnormal Behaviour Detection Using Convolutional Neural Network and Recurrent Neural Network

Developed a deep learning model which uses CNN and RNN architectures to properly find and classify unusual behavior in video surveillance footage over time.

Tech Used: Deep Learning

PUBLICATIONS

AgriNet: An IoT-Based Multi-Node System for Smart Resource Management in Agriculture

Authors: Rounak Sau, Joy Samadder, Jadav Chandra Das, Amit Ghosh, Debashis De

Published In: Proceedings of DOSIER 2025, Lecture Notes in Networks and Systems (LNNS), vol. 1959, Springer, 2026, DOI:10.1007/978-3-032-25446-7_34.

ACHIEVEMENTS

- Qualified GATE 2023 exam in CS & IT paper.
- Qualified 27th WBSET exam in Computer Science and Applications
- Achieve Champion Milestone in Google Cloud Arcade Facilitator Program

CERTIFICATIONS

- Successfully Completed Full Stack Web Development Training with 98% - Internshala
- Summer Industrial Training - INTEL Unnati
- Completed Artificial Intelligence For Real World Application Course - TCSiON
- Completed Short Term Course on Privacy Preserving Cryptographic Security: Advance Encryption, Authentication & Zero-Knowledge Proofs - ISI Kolkata
- Perticipated one week FDP on Classical AI to Quantum Intelligence: Paradigms and Possibilities (Q-Shift AI)

ACTIVITIES

Served as SPC student member in Department of Data Science, MAKAUT, 2025-2026.
