RITAMAN SARKAR

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EDUCATION

B.Sc (Hons) (4 yrs) in Philosophy and Computer Science, Minor in English	Ashoka University		2027	3.47/4 CGPA
CLASS XII	PRABHARANI PUBLIC SCHOOL	CBSE	2023	94.4 %
CLASS X	DON BOSCO SCHOOL BERHAMPORE	ICSE	2021	91.16 %

Subjects / Electives	Probability and Statistics , Discrete Mathematics, Linear Alegbra, Symbolic Logic, Data Structures and Algorithms, AI and Philosophy
Technical Proficiency	Machine Learning, Computer Vision, Python, Propagation, Neural Networks, Deep Learning, AIML, Image Analysis, Transformer, Tensorflow, Logic, Computer Architecture, Logistic Regression, Statistics, Debugging, PyTorch

WORK EXPERIENCE

NOBEL HYGIENE | *FREELANCE SEO BLOG WRITER* — Feb 2022 - May 2022

Wrote a couple of SEO blogs on urinary and menstrual hygiene.

INTERNSHIPS EXPERIENCE

ASHOKA UNIVERSITY | *Teaching Assistant* — Jan 2025 - May 2025

Teaching Assistant for the course Introduction to Philosophy (PHI-1000-1), under Professor Kranti Saran.

PROJECTS

Poetry in Parliament - This was a research project under Professor Aalok Thakkar, CS dept. — Jul 2025 - Aug 2025

This Project aims to digitise in machine-readable form the debate texts of the Indian Parliament and then answer quantitative questions about the usage of poetry in these Parliamentary debates, thus aiding research that seeks to study the status of poetry in the building of the rhetoric of the nation.

CERTIFICATIONS

NAME	CERTIFYING AUTHORITY	DESCRIPTION
Deep Learning Specialisation	DeepLearning.AI	Learned about speech recognition, music synthesis, chatbots, machine translation, natural language processing, and more.
Neural Networks and Deep Learning	DeepLearning.AI	Was made familiar with the significant technological trends driving the rise of deep learning; build, train, and apply fully connected deep neural networks.
Structuring Machine Learning Projects	DeepLearning.AI	Was enabled to diagnose errors in a machine learning system; prioritize strategies for reducing errors; understand complex ML settings and apply end-to-end learning, etc.
Improving Deep Neural Networks	DeepLearning.AI	Learned to implement and apply a variety of optimization algorithms, such as mini-batch gradient descent, etc.
Sequence Models	DeepLearning.AI	Gained experience with natural language processing and Word Embeddings; and use HuggingFace tokenizers and transformer models to solve different NLP tasks etc.

COMPETITIONS

Paper Presentation Competition , Praśna 2025, St. Stephen's College, DU — Apr 2025

Participated in the Paper Presentation Competition as a part of the Philosophy Festival: Prana 2025, St. Stephen's College, DU and presented my paper titled "The Lonely Creator: Miltonian Metaphysics".

CONFERENCES AND WORKSHOPS

Securing The Future: AI-Driven Innovations and Ethical Cybersecurity Frameworks | Organized by: UCSI University — Sep 2025

Learning outcomes included a better technical understanding of ethics in the context of technology and AI.

CS Data Privacy Summer School 2025 | Organized by: IIT Delhi — Jul 2025

This program aimed to educate attendees about current techniques for achieving privacy and to highlight major open challenges in the field.

Summer Abroad @ KCL | Organized by: King's College London — Jul 2024

Studied a Sociology Elective called Media, Gender and Culture. Learning outcomes included a better undertanding of societal relations, how social scientists tackle with problems and how computational techniques might make actual change.

TEST SCORES

SAT   Score: 1360/1600 — Dec 2022

PUBLICATIONS

RaktabījaVināśinī: The vanquisher of Raktabīja | Journal name: Ashoka University's Philosophy Society — Jun 2025

Wrote an essay on Ashoka University's Philosophy Society about a philosophical interpretation of a popular myth from Hindu Mythology.

VOLUNTEER EXPERIENCE

Deliberative Democracy Lab, Stanford University - Role: Deliberation Moderator and Monitor | Cause: Science and Technology — Nov 2025 - Present

Led discussions as moderator and monitored a Focus Group, wherein the effects of AI on Society etc., were discussed.

LANGUAGES KNOWN

English, Bengali, Hindi