

REHMAT KAUR

rehmat.kaur_ug2024@ashoka.edu.in, 20 years

+91 7013744123



EDUCATION

B.Sc (Hons) in Mathematics and Computer Science,
Minor in Economics

CLASS XII

CLASS X

Ashoka University

Bhavan Vidyalaya, Chandigarh

St Mary's School, Pune

2028

CBSE 2024

ICSE 2022

3.82/4 CGPA

90.8 %

98.6 %

Subjects / Electives

Technical Proficiency

Scikit-Learn, OCaml, C++, C Programming, NumPy, PyTorch, Spacy, Machine Learning, Python, Natural Language Processing, Pandas

INTERNSHIPS EXPERIENCE

ASHOKA UNIVERSITY | *Research Intern*

Nov 2025 - Jan 2026

- Contributing to an in-progress research paper on PolicyStory, an information system for topic-oriented, chronological summarization of Indian policy news
- Leading development of the numeric summary component, focused on extracting quantitative facts (e.g., budget allocations, counts, percentages, timelines) from policy-related news articles

ASHOKA UNIVERSITY | *Research Intern*

Aug 2025 - Dec 2025

- Conducting research for a publication on machine learning-based bioacoustic classification of Asian elephant vocalizations under Prof. Meghna Agarwala (PhD. Columbia University)
- Benchmarked a novel deep learning model against the Cornell Elephant Listening Project (ELP) baseline to evaluate detection performance and robustness

L'ORÉAL | *Intern*

Jun 2025 - Jul 2025

- Conducted market research and competitive analysis within the Travel Retail Asia-Pacific segment, identifying emerging consumer trends and growth opportunities
- Presented findings and recommendations to the Head of Travel Retail, Asia Pacific
- Gained exposure to supply chain and operations management through field sessions at L'Oréal's Singapore office

ASHOKA UNIVERSITY | *Research Intern*

May 2025 - Aug 2025

- Used Microsoft Aurora to process and predict weather data trends relevant to soil degradation
- Applied polynomial regression to estimate soil composition and health across plantation sites
- Performed data cleaning to prepare environmental datasets for modelling

ASHOKA UNIVERSITY | *Research Intern*

May 2025 - Aug 2025

- Worked with the PanNuke histopathology dataset for nuclei segmentation and classification tasks
- Evaluated segmentation and classification models using accuracy, precision, recall, and class-wise metrics across nuclei types

PROJECTS

A Review of Machine Translation - Machine Translation, NLP

Nov 2025 - Present

Working under Prof. Lipika Dey on a comprehensive review of machine translation from incipient technologies to present, with a special focus on context-aware methods and low resource languages

POSITIONS HELD

Teaching Assistant | DEPARTMENT OF COMPUTER SCIENCE, ASHOKA UNIVERSITY

Aug 2025 - Dec 2025

- Assisted Prof. Aalok Thakkar (PhD. University of Pennsylvania) in teaching foundational computer science concepts using OCaml
- Designed and implemented programming assignments and assessments, reinforcing functional programming, recursion, and algorithmic reasoning.

EXTRA CURRICULAR ACTIVITIES

Classical Ballet

Jun 2017 - Present

Certified classical ballet dancer at the Intermediate Foundation Level by the Royal Academy of Dance

Debate

Jul 2021 - Present

Amongst the top 66 debators at the National Selection Camp by the Indian Schools Debating Society

Classical Piano

Jun 2014 - Present

ABRSM Grade 7 certified classical pianist

TEST SCORES

SAT Score: 1540/1600

Dec 2023

LANGUAGES KNOWN

English, Hindi