

REHMAT KAUR

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EDUCATION

B.Sc (Hons) in Mathematics and Computer Science, Minor in Economics	Ashoka University	2028	3.82/4 CGPA
CLASS XII	Bhavan Vidyalaya, Chandigarh	CBSE	2024
CLASS X	St Mary's School, Pune	ICSE	2022

Subjects / Electives

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

ASHOKA UNIVERSITY <i>Research Intern</i>	Nov 2025 - Jan 2026
<ul style="list-style-type: none"> 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 <i>Research Intern</i>	Aug 2025 - Dec 2025
<ul style="list-style-type: none"> 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 <i>Intern</i>	Jun 2025 - Jul 2025
<ul style="list-style-type: none"> 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 <i>Research Intern</i>	May 2025 - Aug 2025
<ul style="list-style-type: none"> 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 <i>Research Intern</i>	May 2025 - Aug 2025
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> 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
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LANGUAGES KNOWN

English, Hindi