

AARATRICK BASU

CURRICULUM VITAE¹

PERSONAL DATA

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EDUCATION

PERIOD	Fall 2024 — Present		
DEGREE	PhD in Mathematics		
UNIVERSITY	University of Virginia	Charlottesville, VA, USA	
ADVISOR	Undecided		

PERIOD	2021 — 2024		
DEGREE	Bachelor of Mathematics (Honours)		
UNIVERSITY	Indian Statistical Institute	Bangalore, India	
RESULT	First division with distinction		

SCHOLARSHIPS AND AWARDS

2022 Summer Research Fellowship (Indian Academy of Sciences)
2019 KVPY SA Fellow
2019 JBNSTS Junior Scholar

TEACHING

Fall 2024 Teaching assistant for MATH 3310 (Basic Real Analysis)

SKILLS

Languages English (near native), Hindi (fluent), Bengali (native)
Programming Languages Python, LaTeX, R, Markdown, JavaScript, Bash

TALKS GIVEN

- Hyperbolic Geometry, Hyperbolic Surfaces and Fuchsian Groups
Math Club student talk, ISI Bangalore, August 2023
- L^2 -cohomology and intersection cohomology
Intersection Homology reading seminar, ISI Bangalore, February 2024
- What is $\pi_1(x)$?
Math Club “What is ...?” seminar, ISI Bangalore, March 2024

¹Last updated: 10th December, 2024

CONFERENCES ATTENDED

- Holomorphic and Topological Methods in Symplectic Geometry
Summer school at ISI Kolkata, 3rd – 8th June, 2024
- Advanced Instructional School on Lie Groups and Lie Algebras
Summer school at IISc Bangalore, June – July, 2023

VOLUNTEER WORK

- Contributed to the [website](#) of math contest *LIMIT* run by students of ISI Bangalore.
- Organised “What is ...?” [seminar](#) with other Math Club members at ISI Bangalore.