

Curriculum Vitæ

December 2023

Education

- 2022 - present MSc Mathematics at IIT Gandhinagar.
2018 - 2021 BSc (H) Physics at St. Stephen's College, University of Delhi.

Activities outside the classroom

Undergrad days at St. Stephen's:

- Recipient of [INSPIRE's Scholarship for Higher Education](#).
- Presented [Mould effect](#) (self-siphoning beads) at Meera Memorial Paper Presentation.
- Presented an independent proof of the [crystallographic restriction theorem](#) in the Feynman Club.
- Attended the [NIUS Summer School](#) in 2019.
- Attended Perimeter Institute's Summer School (now [PSI Start](#)) 2020.
- An active member of the Problem-Solving Club of the Physics Society.

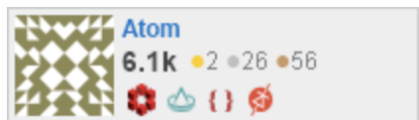
Post-undergrad, and grad days at IIT-GN (up till now):

- Commented (under my pseudonym Atom) several minute errors/typos in Terence Tao's *Analysis I*, which he added to his errata. ([Link](#) to his webpage, wherein he mentions my (real) name too!)
- Spotted an error in the proof of a neighborhood extension lemma in Prof Anant R Shastri's course, *An Introduction to Point-Set-Topology Part I*, which he graciously [acknowledged](#) (and fixed too).

- Presented (and rectified) an error from Halmos' *Naïve Set Theory* during the Topology course at IIT-GN. Have also written [some errata](#) for the book (but never got around to sending it to the publishers yet).
- Attended the Harish-Chandra Research Institute's [Summer Programme in Mathematics](#) 2023.
- Organized [CatCafé](#), a lecture series introducing category theory that was delivered by Dr Sanjay Amrutiya of IIT-GN.
- Have developed a taste of organizing math: Have been maintaining LaTeX logs of all results that get covered in the various courses, or I have learnt independently, neatly and linearly.

On the internet

My [StackExchange flair](#), as of December 2023 (again under my pen name, Atom).



Hobbies I like mentioning

- Used to play tabla, now switched to piano.
- I crochet too.
- Into solo sports: Skating and swimming, anytime!
- Love to learn *italiano*! (Even took a beginner course on EdX and got [certified](#).)

Proficiency in computing and typesetting

- I use *LaTeX* almost daily.
- Used *Python* extensively during my physics undergrad days. Still got it.
- Took the NPTEL course [Physics through Computational Thinking](#) which was based on *Mathematica*.

In grad studies' second semester found,

Analysis my passion did astound,

Real, Complex, Diff Geo profound,

Subfield, yet to be unbound!

~ (generated using ChatGPT)