

Poojan Shah

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Education

- 2026 **B.Tech. in Computer Science and Engineering, Indian Institute of Technology Delhi**
Advisor: [Ragesh Jaiswal](#)
GPA: 9.75/10.00
- 2025 **Visiting Undergraduate Student, Faculty of Mathematics, University of Waterloo**
Grade: 94.20/100.00

Employment & Research Experience

- Upcoming AI Scientist, [Mistral AI](#)
- Nov 2025–Feb 2026 Research Intern, [Wadhvani AI](#)
Host: [Makarand Tapaswi](#)
Self-supervised learning from unlabeled data for newborn anthropometry
- May 2025–July 2025 Quantitative Research Intern, [Atlas Research](#)
Optimized exchange data ingestion and API calls; developed statistical price-forecasting models and parameter-search algorithms
- May 2024–July 2024 Undergraduate Research Intern, [Centre for Quantum Technologies, NUS](#)
Host: [Rahul Jain](#)
Studied cryptographic primitives based on pseudorandom quantum states

Selected Publications

Fast k -means Seeding Under the Manifold Hypothesis

Poojan Shah, Shashwat Agrawal, Ragesh Jaiswal

ICML 2026 [arXiv] [[OpenReview](#)] [[Poster](#)]

Quantum (Inspired) D^2 -Sampling with Applications

Poojan Shah, Ragesh Jaiswal

ICLR 2025 [arXiv] [[OpenReview](#)] [[Poster](#)]

Selected Awards & Honors

- 2022 Amit and Deepali Sinha Foundation Fellowship
full undergraduate funding; top five at IIT Delhi
- 2022 JEE Advanced 2022: All India Rank 67
- 2025 Selected Participant, Cornell–Maryland–Max Planck Research School
- 2025-2026 CSE Research Acceleration Fund Award for conference travels

Teaching

Head Teaching Assistant, [COL7160: Quantum Computing](#) IIT Delhi (Winter 2026)
Recipient of the CSE Department's [Outstanding Teaching Assistant Award](#).

Talks & Presentations

Invited Lightning Talk

ACM India Annual Event (2026).

Quantum and Quantum-Inspired Classical Algorithms for Clustering

CS Group Meeting, Centre for Quantum Technologies, NUS (2025). [Poster](#)

Quantum Machine Learning Without Any Quantum

Theory Seminar, CSE Department, IIT Delhi (2024).