

ABOUT

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Indian
2nd November, 1999
Philipp-Rosenthal-Str. 31-708
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Germany

Skills

- Python (Experienced)
- LaTeX (Experienced)
- MatLab (Intermediate)
- Github (Intermediate)
- Data Analysis & Simulation
- Research Planning & Documentation

Miscellaneous

- Ten Preliminarily confirmed asteroid discoveries in Spaceport India Asteroid Hunt Campaign
- Some of my projects:
ashrayjain.in/#projects

Languages

- Hindi (Native)
- English (C2)
- German (B1)
- Chinese (A1)

Hobbies

- Theatre / Performance
- Hiking & Mineral Hunting
- Photography
- Writing

Ashray Jain

Quantum Tech Major



Physics Master's student, graduating in Summer 2025, specialising in Quantum Technology with hands-on research in diamond NV centres. A deep-learning enthusiast who has built bespoke AI projects, I'm eager to apply my versatile skill set to drive innovation across diverse scientific and engineering domains.

Education

04/2022 - 09/2025 * Graduating in Summer 2025
Universität Leipzig | Leipzig, Germany | CGPA 2.0

Master of Science, Physics

- Specialising in Quantum Technology with a thesis focused on nitrogen-vacancy (NV) centres in diamond. Gained hands-on experience relevant to quantum chip development, aligning closely with ongoing work in quantum sensing and computation using NV centres.
- Achieved a GPA of 1.0 in Quantum Technology & Deep Learning courses.
- Other focused work includes advanced seminar in Deep Learning, hands-on training in EPR Spectroscopy and Advanced Physics courses among others.

08/2018 - 08/2021
Amity University | Noida, India

Bachelor of Science (Honours), Physics

Completed two mini-thesis projects: one on Raman spectroscopy, focusing on vibrational modes in molecular systems, and another on chaos theory, exploring non-linear dynamical systems and sensitivity to initial conditions.

Work Experience

08/2022 - 06/2023
Ritter GmbH | Leipzig, Germany

Customer Service Associate

Handled customer service, and insured organisation. Later responsible for training new employees at a fast-food chain.

08/2020 - 08/2021
Habitat for Humanity India | Mumbai, India

NGO Volunteer

Assisted in public outreach and fundraising efforts, successfully engaging with community members to raise funds in support of affordable housing initiatives. All done digitally on account of COVID-19 pandemic.

09/2019 - 01/2020
Space Development Nexus (SDNx) | New Delhi, India

Internship

Gained hands-on experience in orbital mechanics and rocketry. Designed, built, and successfully launched a sugar-saltpetre powered rocket as part of a guided project, applying theoretical concepts to practical aerospace engineering challenges.