

## ABOUT

- ☎ --REDACTED--
- ✉ 99ashrayjain@gmail.com
- 🌐 ashrayjain.in
- 🇮🇳 Indian
- 🎂 Born in 1999
- 📍 Leipzig, 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](https://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.