

ABOUT

- ☎ --REDACTED--
- ✉ 99ashrayjain@gmail.com
- 🌐 ashrayjain.in
- 🇮🇳 Indian
- 🎂 Born in 1999
- 📍 Leipzig, Germany

Ashray Jain

Quantum Tech Major



Master's student, *graduating in Summer 2025*, specialising in Quantum Technology. Passionate about exploiting quantum systems for computation and eager to contribute to cutting-edge quantum hardware development.

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

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 course.
- Other focused work includes advanced seminar in Deep Learning, hands-on training in EPR Spectrometry and Advanced Experimental 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.