

Join Dunedain Space: Develop Space Technology



At **Dunedain Space** (www.dunedainspace.nl), we're building technology to detect and track near-Earth objects like asteroids, satellites, and space debris. As a MSc student, you'll blend theory and practice: modeling orbital mechanics, designing astronomical instruments, processing observational data, and studying the Space market. Your work will help protect the near-Earth environment and shape the future of Space exploration.

Background & projects

We're looking for enthusiastic and independent MSc students with backgrounds in physics, astronomy, aerospace engineering, computer science or related fields. Four projects you can work on are:

- 1) Data analysis of astronomical images, controlling remote telescopes
- 2) Practical research with quantum science sensors for astronomy
- 3) Automation of image processing through cloud data pipeline
- 4) Market research and business development in the Space industry

Gain hands-on experience in a growing startup, with research that could lead to a publication and form the basis of your MSc thesis. You will receive individual supervision tailored to your learning goals, with regular guidance and support to help you grow both personally and professionally throughout your internship.

Position Details:

- Location: CometLab, Noordwijk — right next to ESA ESTEC. Close collaboration opportunities with the space community. Hybrid work flexibility available.
- Internship fee: €400/month
- Duration: 4–6 months

Sounds good? Want to learn more? Contact: Dr. Ignacio Reyes
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We're excited to meet you!