



# Internship: Mechanical Integration of a 4D Imaging Radar Into a Humanoid Robot

## Task description

We are looking for a Mechanical Engineer Intern to support the mechanical integration of various hardware components into a humanoid robot, with a special focus on 4D imaging radar. In this internship, you will work closely with the robotics team to deliver new hardware to a humanoid platform, taking ownership of the mechanical design, assembly, and integration process. It's a unique opportunity to work alongside some of the world's most advanced technology within the inspiring environment of ARENA2036.

## Qualifications

- Structured, analytical thinking with a hands-on mindset
- Proven track record of mechanical design projects
- Advance knowledge of open-source tools for Computer-Aided Design (candidate's choice)
- Experience with 3D printing, CNC machining, or similar fabrication techniques

## About Waveye

We are an fast growing technology startup focused on imaging radars for general purpose robotics. Our technology combines cutting-edge signal processing algorithms and AI for high-resolution, cost-efficient radar imaging.

**Duration:** 6 months

**Desired start date:** Nov. 2025

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