



WE'RE HIRING!

→ Test [Engineer]

CAUTION
DO NOT CLIMB
FROM THE
RAMP



WE ARE LOOKING FOR A

Test Engineer to join our team!

As a Test Engineer, you will be in charge of experimental activities, data processing, design and development of laboratory equipment and diagnostics, etc. You will be working intimately with other teams such as Microsystems Technology (MST) and Mechanical, Thermal, Fluidics Engineering (MTF) to help develop and qualify the first Spanish electric propulsion system.



Key responsibilities

- Plan, execute, post-process and report tests with our electro-spray thrusters, as well as other experimental activities.
- Design, procure and install diagnostics for electro-spray thrusters, as well as other experimental setups.
- Develop firmware, and communication and control software for laboratory equipment.
- Develop models and scripts to post-process test data of electro-spray thrusters and diagnostics.

Your team

You will be part of our **Qualification, Diagnostics and Testing (QDT)** team, which is part of our Electric Propulsion department. The QDT team is in charge of planning, executing, post-processing and reporting all experimental activities for the development and qualification of our electro-spray thrusters, both internal and for external projects and customers. This includes developing the hardware, software and methods required to do so: design and control of laboratory equipment and diagnostics, test and thruster preparation and operation procedures, models and techniques to post-process test data and analyse the behaviour of electro-spray thrusters, etc.

The QDT team is in constant collaboration with the other teams in the Electric Propulsion department, as the development of our electro-spray propulsion systems is a multidisciplinary effort.

Qualifications & skills



MUST HAVE:

- Preferred: Master's degree in Aerospace Engineering, Microfluidics or any other related engineering field.
- 1-4 years of hands-on experience in an engineering laboratory.
- Experience in Python programming, particularly in data processing with libraries such as numpy and scipy.
- Spoken and written professional proficiency in English.
- Motivated, organized, detail-oriented, HANDS-ON and proactive.



NICE TO HAVE:

- Experience with vacuum facilities and laboratory instruments.
- Experience in CAD design, particularly with Autodesk Fusion 360.
- Experience in C++ firmware programming.
- Experience with GUI development, particularly in Python with PyQt5.
- Experience in a startup environment is a plus, with a capability to work in an agile and adaptable way.

Benefits & perks

- 🚀 **A key role in a pioneering space startup**, where you will directly impact the development of cutting-edge propulsion technology.
- 📅 **A full-time contract** of 40h per week.
- 🕒 **Flexible working hours**, allowing you to manage your schedule for better work-life balance.
- 🏠 **Hybrid work model**: work remotely up to 9 days per month.
- 🌲 **Extra holidays**: in addition to 23 vacation days, enjoy 6 additional days off during the Christmas period (from 24 December to 2 January, both included).
- 🏥 **Private health insurance**, fully covered by the company.
- 📚 **Learning & Development**: €1000 per year budget for training, courses, and professional growth.
- 💪 **Autonomy and responsibility**: your contributions will directly shape our technology and success.



Ready for takeoff? Email us at careers@ienai.space with [APPLICATION MISSION AND TEST ENGINEER] in the subject line.