



# WE'RE HIRING!

→ Firmware [Engineer]



## OPEN POSITIONS:

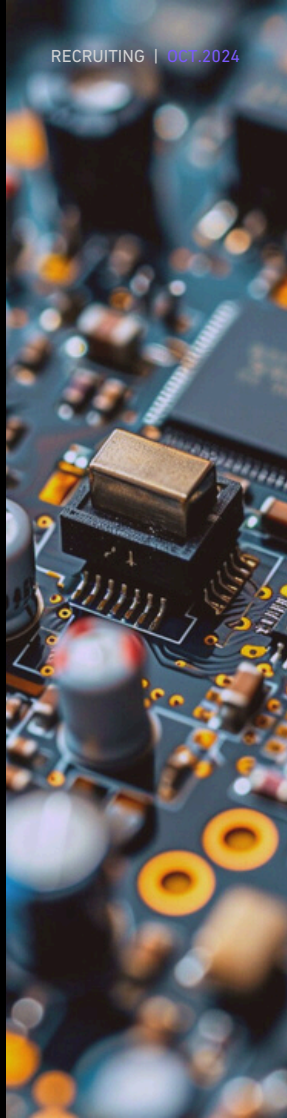
- Senior Business [Developer]
- Test [Engineer]
- Power Electronics [Engineer]



WE ARE LOOKING FOR:

## Firmware Engineer to join our team!

We are looking for a Firmware Engineer able to drive the development of reliable and efficient embedded systems, supporting robust architecture design, executing comprehensive testing and system integration, and ensuring quality through active participation in technical and design reviews.



## Key responsibilities

- Assess technical feasibility: evaluate the technical feasibility of design concepts and contribute to technical solutions.
- Architecture design: assist in establishing embedded hardware and firmware architecture, breaking down the embedded system into modular components.
- Testing , verification and system integration: develop and execute automated and manual tests to evaluate and verify the implemented firmware solution.
- Technical reviews: actively participate in technical, design, and milestone reviews to ensure quality and progress alignment.

## Your team

You will be part of our **Electrical Engineering and Electronics team**, which is part of our Electric Propulsion department. This team is in charge of designing, testing, manufacturing and has the mission of continuous improvement of the electronic devices that enable thruster operation.

## Qualifications & skills



### MUST HAVE:

- 2-3 years of **PROVEN** experience in this field.
- Experience with coding C and C++ oriented towards the Microchip ARM MCU family.
- Experience with FreeRTOS or SafeRTOS.
- Spoken and written proficiency in English.
- Ability to identify problems and proactively communicate when facing challenges.
- Willingness to learn and grow with a young team of electronics engineers.



### NICE TO HAVE:

- Experience with development for space applications. Safety critical coding practices will need to be implemented.
- Alternatively: experience in medical, automotive, railway, avionics or any area with strict safety/reliability requirements
- Knowledge in MISRA C or any software development guidelines to facilitate safety and reliability (no malloc, stack overflow control, etc.).
- Experience with coding in Python.

## Benefits & perks

- **Schedule:** we know that everyone works at their own pace, so you are free to organise your day in the way that works best for you. Whether it's making the most of your mornings or having more time in the afternoons, this flexibility will help you better balance your work and personal life.
- A **full-time contract** of 40h per week.
- **Work from home:** we value contact with each other and sharing experiences, learning and knowledge. But we also know that the key to a successful team is flexibility and balance. That's why we have a hybrid working model that allows you to work from home up to 9 days a month.
- **Holidays:** We all know that we need to rest and recharge our batteries in order to give our best every day. That's why, as addition to the 23 days of holiday, we're offering you an extra 6 days of holiday over the Christmas period (from 24 December to 2 January, both included).
- **Health insurance:** your health is important to us, which is why we offer you free private health insurance through Alan.
- A dynamic environment and a motivated team committed to a unique and fast-growing project.
- Responsibility and autonomy.



Interested candidates contact us at  
[careers@ienai.space](mailto:careers@ienai.space) with

**[APPLICATION FIRMWARE ENGINEER]** in the subject.