2 EMBEDDED SOFTWARE ENGINEER

For a leader company in the aerospace sector we are looking for skilled candidates in electronic space systems. You will have the opportunity to define, develop and test software for innovative space computing systems and exciting missions.

In this role you will:

- Design on-board software for space missions and services
- Develop real-time operating system-based applications
- Develop full-stack software from low-level drivers to application software
- Test and integrate software in satellite platforms
- Develop support software tools for testing and ground support equipment

GENERAL REQUIREMENTS

- Master's degree in Electronics Engineering / Computer Science
- At least 3 years of working experience
- High flexibility and team-working skills
- Fluent in Italian and English is mandatory

REQUIRED EXPERIENCES & SKILLS

Knowledge of Embedded systems software programming
Very good knowledge of C/C++
Knowledge of real-time operating systems
Knowledge of programming/scripting languages (Python, TCL, AWK, Ruby, etc.)
Knowledge of versioning systems (Git)

Experience with:
Embedded systems software and firmware development
Device driver development
Serial communication standards (UART, SPI, I2C, CAN, etc.)
Laboratory instrumentation, such as oscilloscopes, digital multimeters, power supplies, etc.

ADDITIONAL ASSETS
Previous experience with:
Aerospace/space standards (CCSDS, ECSS)
SPARC, MicroBlaze, RISC-V, ARM devices and architectures
RTEMS, FreeRTOS, Linux-RT, uCOS, Zephyr Operating Systems
Unix/Linux OS usage and shell scripting
Jira Software project management
Scrum project management
CI/CD systems (Jenkins, Bamboo, GitHub Actions)
Aerospace/space projects (industrial and/or academic)
ML/AI algorithms development

PLACE OF WORK: Torino, Italy

WORK CONDITIONS: individual salary based on Italian National Collective Labor Agreement, experience and skills.

HOW TO APPLY:

If you are interested in this position, please send us your **CV and Cover Letter in English** to the e-mail eures.recruiting@agenziapiemontelavoro.it