



🏠 [EFA Group](#) / [Software Engineer – GUI & Embedded Systems](#)



Software Engineer – GUI & Embedded Systems

Koropi, Attiki, Greece | Engineering

EFA GROUP comprises companies in Aerospace, Security, Defense, and Industrial Cooperation with a solid international presence. EFA GROUP currently employs more than 220 people, most of whom are engineers and scientists. The GROUP has established offices across 6 international regions: Greece, Cyprus, Switzerland, USA, UAE, and Singapore to serve its customers in 34 countries worldwide. **EFA GROUP** includes **EFA VENTURES** (Supply Chain Management and integrated services), **AEROSPACE VENTURES** (Industrial Participation and related services), **SCYTALYS** (Systems Integration and Software), **ES SYSTEMS** (MEMs & IoT Integration), **EPICOS** (Global Defense B2B Information Platform), **UCANDRONE** (Unmanned Systems), **AETHER AERONAUTICS** (Target Drones), **STHENOS AI** (Intelligence Solutions).

EFA Group is currently looking for skilled **Software Engineer** who contributes to the development of user-facing applications and embedded software. This role combines GUI development, systems integration, and firmware programming.

Responsibilities

- Design and implement graphical user interfaces (GUIs) using Python (e.g., PyQt, Tkinter) and other frameworks.
- Develop cross-platform applications using Visual Studio, C++, Java, or other suitable environments.
- Collaborate with hardware engineers to integrate software with embedded systems and RF platforms.
- Support firmware programming for microcontrollers (e.g., STM32, PIC), or learn it as part of the role.
- Participate in debugging, testing, and optimization of software-hardware interactions.
- Maintain clean, modular, and well-documented code using version control systems (e.g., Git).
- Contribute to the development of control software for SDR-based systems and RF test platforms.
- Engage in Agile development practices and participate in code reviews and team planning.
- Stay current with emerging technologies in embedded systems and GUI frameworks.

Knowledge, Skills, Experience

Required Qualifications

- Bachelor's or Master's degree in Computer Science, Software Engineering, Electrical Engineering, or related field.
- Strong programming skills in Python and experience with GUI development.
- Familiarity with Visual Studio, C++, Java, or similar environments.
- Ability to work collaboratively with cross-functional engineering teams.
- Strong problem-solving skills and attention to detail.
- Willingness to learn firmware development if not already experienced.

Preferred Qualifications

- Experience in embedded systems and microcontroller programming.
- Exposure to SDR platforms and digital signal processing environments.
- Knowledge of communication protocols (UART, SPI, I2C).
- Experience in defense, aerospace, or industrial automation projects.
- Familiarity with CI/CD pipelines and modern software development practices.

We offer:

- Competitive remuneration package
- Private Medical Insurance package
- Continuous learning in new technologies
- Opportunity to work in large-scale projects with talented people

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