



Position title: **C embedded developer for Aerospace**

We are growing and looking for several new software developers. We welcome students and graduates also. Our projects are in the following areas:

SATELLITE SYSTEMS

- development of flight software for satellite systems
- testing of critical software and communication interfaces

AVIONICS UAS / RPAS

- development and testing of UAS / RPAS unmanned aircraft, drone revitalization
- preparation and integration of systems for use in non-segregated airspace
- testing of onboard software and communication interfaces
- participation in building the ground segment for receiving data from UAS / RPAS and from satellites

MEDICAL PROJECTS

- technology development in the field of biomedicine
- product development in the field of medical robotics
- opportunity to lead projects focusing on medical software and hardware

Required Qualifications/Experience:

- secondary school / university of technical direction (we also welcome a student or doctoral student)
- experience with C programming, embedded C and C application development
- experience with system preparation and integration (revitalization of testing and troubleshooting)
- **required knowledge:** RTOS operating system, CAN / UART / SPI / I2C interface, code reviews
- knowledge that is an advantage: Python, C ++, requirement engineering, software architecture design, CANFD, Ethernet, DOIP, XCP, agile software development / V-Model, MISRA Standard, microcontrollers STM, work with oscilloscope / logic analyzer, knowledge of radiation issues (for medical projects)
- skills: analytical and critical thinking, ability to communicate in English, communication skills, interest in aerospace, satellite and aviation technology

Possible start immediately

If you are interested, send us your CV with a photo and financial expectations to:

hr@evolvsys.cz

esc Aerospace is engaged in electronics, with particular emphasis on embedded systems, data transmission and microwave applications. It develops several production lines of UAV drones as well as C-UAS antidrone systems. The company's research activities focus on the areas of unmanned control systems, anti-collision systems and systems for ground control stations for drones and satellites. esc Aerospace is actively involved in space projects, including projects announced by the European Space Agency (ESA) and the European Defense Agency (EDA). In this area, work is underway on flight software for satellite on-board systems, EGSE software and data processing.