

Embedded Software Engineer

Company Overview:

Augustus Aerospace is a premier provider of high-performance software-defined radio payloads deployed in small satellites and high-altitude platforms for U.S. government customers. We are experiencing rapid growth and are seeking talented and motivated scientists, engineers and support staff to help us solve challenging technical problems and build our capabilities.

****Take your career to the next level with Augustus! *Supra stellas*****

Day-to-Day of our Embedded Software Engineer:

- You will be part of a tightly integrated team and will design and develop C/C++ software for our FPGA-based SDR mission payloads. You will help implement, test and document optimized software modules that provide key functionality and will work closely with our hardware and test teams to perform design verification testing of small satellite payload products. You will also have opportunities to participate in program reviews with US Government officials to include development status and performance results. Your primary work location will be the Augustus facility in Colorado Springs, CO. On occasion you will support meetings and perform integration testing in our Lone Tree, CO headquarters and at other facilities in the metro-Denver area. Your travel outside of CO will be limited to a few times a year.

What you'll be doing:

- Design and develop embedded software for communications, digital signal processing and system control
- Design and perform software module testing
- Document design and code including theory of operation
- Test embedded products with other software modules and hardware

To be Successful:

➤ Required -

- Embedded C++ experience
- Experience with embedded real-time operating systems (FreeRTOS, eCos or similar)
- Bachelor's degree in computer science or electrical engineering
- Excellent written communication skills
- Ability to obtain and hold a SECRET-level security clearance

➤ Preferred -

- 5+ years of relevant experience writing embedded firmware
- Experience with Git version control
- Xilinx Zynq/ARM processor development experience
- Familiarity and experience with signal processing or FPGA
- Ability to obtain and hold a TOP SECRET-Level 2 security clearance (with SCI access)

Contact Us!

Please send us your resume to be considered for our Embedded Software Engineer position.

It has been, and will continue to be, the policy of Augustus Aerospace not to discriminate against any employee or applicant for employment because of their race, color, religion, national origin, age, sex, sexual orientation, gender identity, gender expression, veteran status, disability, or other legally protected status.

