

Full-time Position  
U.S. Citizenship Required  
Req. #158

## Senior Electronics Engineer

### **BRIEF DESCRIPTION OF JOB DUTIES:**

- System Engineer - analyze customer needs, document requirements, develop system architectures, and provide technical project leadership
- Present product design solutions to customers at technical design reviews
- Electrical design of board and system level hardware. Support PWB layout activities
- Support the creation of production and engineering test plans, test cases and test procedures
- Supervise product integration, verification and validation testing

### **JOB REQUIREMENTS**

#### **The applicant MUST have the following qualifications:**

- BSEE with 10 or more years' experience in the design and development of electronic systems
- FPGA design experience using VHDL for FPGA design
- RF and Low noise design experience
- Systems Engineering experience working with internal and external customers to develop hardware and software requirements and solutions for new products
- Experience leading a technical team in the development of new system and subsystem components including activities such as initial design concepts, detailed electrical designs, prototype integration and debug, system verification and validation testing
- Schematic capture experience using PADS
- Good written and verbal communication skills
- Good problem solving and troubleshooting skills
- U.S. citizen

#### **Additional Desirable Experience:**

- Experience in design of embedded microprocessor systems including High-Speed Memory, SOC, SOM, & ASIC
- Experience in the design and development of precise time and frequency reference systems
- Network design experience including Ethernet and Precision Time Protocol (PTP)
- EMC/EMI design experience
- System design and development using embedded GPS receivers
- System design using various navigation sensors
- Security Clearance

#### E-Verify

As a Federal Contractor, FEI-Zyfer is required to participate in the E-Verify Program to confirm eligibility to work in the United States. For information regarding your legal rights and protections, please click on the following links:

- E-Verify - [https://e-verify.uscis.gov/web/media/resourcesContents/E-Verify\\_Participation\\_Poster.pdf](https://e-verify.uscis.gov/web/media/resourcesContents/E-Verify_Participation_Poster.pdf)
- Right to Work - [https://www.e-verify.gov/sites/default/files/everify/posters/IER\\_RighttoWorkPoster.pdf](https://www.e-verify.gov/sites/default/files/everify/posters/IER_RighttoWorkPoster.pdf)

#### AAP/EEO/Reasonable Accommodation

As a federal government contractor, in accordance with applicable laws, regulations, Executive Orders, FEI-Zyfer, Inc. is required to develop annual Affirmative Action Plans (AAPs) and is committed to employ and advance in employment qualified minorities, women, individuals with disabilities, and protected veterans (including but not limited to, disabled veterans, recently separated veterans, Armed Forces service medal veterans, and any other protected veterans). Any employees or applicants who wish to review the Affirmative Action Plan (AAP) for individuals with Disabilities and Protected Veterans can contact us by calling Human Resources at (714) 933-4000.

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If you are an individual with a disability or a disabled veteran and require reasonable accommodation in applying for any posted position, please contact Human Resources at (714) 933-4000.