Electrical Engineer III

Middleburg Heights, OH

ZIN Technologies, Inc. is a federal contractor. Pursuant to Executive Order 14042, Federal contractors and subcontractors with a covered contract will be required to conform to the workplace safety protocols which include COVID-19 vaccination of covered contractor employees, except in limited circumstances where an employee is legally entitled to an accommodation (i.e. disability, sincerely held religious beliefs, etc.).

Description

ZIN is seeking an electrical engineer with analog/mixed signal electronics design experience.

Responsibilities:

- Developing unit, module, and/or functional level requirements derived from system level requirements. The candidate will also be responsible for
- Developing associated architectures, implementing designs, performing detailed analysis, and unit-level testing in a laboratory setting. The candidate will
- Work in the product development team environment with system, mechanical, and software engineers.

Requirements

- **U.S. CITIZENSHIP OR VALID GREEN CARD HOLDER REQUIRED**
- **Proof of COVID-19 vaccination, except in limited circumstances where there is a legal entitlement to an accommodation (i.e. disability, sincerely held religious beliefs, etc.)**
- Bachelor's Degree in Electrical Engineering
- 5-10 years of analog/mixed signal electronics design
- PWA design in Altium or other industry design packages
- Understanding of circuit design and circuit performance analyses (i.e. Worst Case Analysis)
- This position may require occasional business-related travel.

Preferences

- An understanding of power electronics including closed loop current control is a plus.

About Us

ZIN Technologies, Inc. is a federal contractor and an award-winning AS 9100 registered small, disadvantaged business (SDB) headquartered in Northeast Ohio. Established in 1957, ZIN is a leader in providing advanced engineering services and product development solutions for NASA, DoD and private industry.

ZIN provides full lifecycle development of aerospace systems including design, development, engineering, integration, test, evaluation, orbital operations, systems modeling, simulation, verification, and validation. The flight hardware lifecycle spans concept definition, design, development, fabrication, verification, integration, launch, operations, and data processing.

We offer expertise in multi-discipline engineering, system and product development, production, and research and technology development. ZIN'S engineering capabilities include systems, mechanical, electrical, fluids, propulsion, structural, thermal, integration and test.

ZIN has a strong heritage in the areas of Space Operations including payload operations, space communications, navigation and network reconfigurable testbed. ZIN supports exploration systems (ORION, SLS, ISS, commercial vehicles) and space technologies (advanced communications, power, propulsion, cryogenics).

Our award-winning 250+ person organization consists of scientists, engineers, designers, and technicians. ZIN employs an integrated performance-based management approach, providing experienced people, proven processes and tools and exceptional cost, schedule, and technical performance while identifying and managing program and project risks.

Offering Unsurpassed Product, Process and Service:

- Prime contractor
- Sub-contractor
- Product manufacturer
- Value-added service provider

Company Benefits and Programs

In addition to competitive salaries, ZIN offers excellent benefits to our associates, including medical, vision, and dental insurance; short- and long-term disability; life insurance; paid leave and paid holidays; 401(k) retirement plan (immediate vesting); education and training reimbursement; professional development opportunities; employee assistance program; flexible spending plans; credit union membership; and direct deposit.

ZIN-Technologies, Inc. is an Equal Employment Opportunity Employer
Minority/Female/Disabled/Veteran