



Hiring for Electronic Systems Engineer

IDEAS Engineering & Technology, LLC (IDEAS-TEK) is a fast-paced, rapidly growing space technology company focused on high-reliability, mission-critical systems. Our clients include the Space Force, Bluehalo, Leidos, and other key space companies. Our focus is:

Embedded systems | Digital microelectronics | High-performance computing and sensing systems

Come join our nimble team of engineers and scientists in Albuquerque, New Mexico where you will have an opportunity to LEARN and LEAD. Recognized the last four years by New Mexico Technology Flying 40 as one of the fastest growing companies in New Mexico.

- Competitive salary
- Excellent working environment and benefits (Medical, Dental, Vision, and Life Insurance)
- Retirement plan with company matching and profit sharing
- Flexible schedule; PTO

US Citizenship/Permanent Residency is Required

Duties and Responsibilities

- Design, test, and debug electronic systems with a focus on computing, embedded systems, and digital electronics.
- Assist in the fabrication, assembly, and integration of project deliveries in-house and at integration site if needed;
- Generate documentation of electronic systems to be prototyped and produced;
- Assist supply chain team to ensure timely acquisition of materials and components;
- Provide the technical assistance in interfacing with vendors and material suppliers;
- May lead a team of 2 to 3 engineers.
- May Interface with customers in collaboration with senior management;
- May be involved in specifying, developing, and testing RTL, and embedded software.
- May be involved in the design, testing, and debugging of analog and mixed signal electronic circuits

Knowledge, Skills and Abilities Required

- Significant experience in electronic design for high-performance computers and digital systems (Analog and RF a plus);
- Significant experience lab equipment (oscilloscope, multi-meters, etc.);
- Experience in component selection, design, testing, and deployment;
- Experience in bringing up, validating and troubleshooting complex electronic systems;
- Experience with Altium designer and other Schematic and PCB design tools.



- Strong documentation and writing skills;
- Team player, Methodic, Organized;
- A high aptitude for learning and adapting to new and quickly changing technologies.

Desired Qualifications

- Basic knowledge of rugged electronics and modular electronic systems (e.g., VPX);
- Basic knowledge of mechanical factors in high-performance electronics;
- Knowledge of NASA and Military reliability standards for electronics;
- Experience with electronics engineering and production cycles in the space industry;
- Experience in embedded systems engineering (FPGA, CPUs, DDR memory);
- Experience with electronic component and materials in the space sector;

EDUCATION- Minimum Qualifications

- Bachelor of Science in Electrical Engineering. 3 to 5 years of professional experience as an electronics engineer. A related field will be considered if the candidate has extensive experience with electronic/embedded systems.

IDEAS-TEK is an equal opportunity employer and does not discriminate on the basis of race, religion, color, national origin, age, sex, gender, gender identity, gender expression, genetic information, disability or any other characteristic protected by law.