

TITLE: Electrical Engineer
COMPANY: Griffin Analytical Technologies, LLC
LOCATION: West Lafayette, IN
SALARY: Commensurate with experience

Griffin Analytical Technologies, LLC is a high-tech, high-growth chemical detection company focused on identifying chemical warfare agents and explosives as well as environmental monitoring applications. In Griffin's dynamic and entrepreneurial environment, field - portable mass spectrometry technologies are: researched, designed into robust products, manufactured on site in Indiana and sold to customers in the United States and throughout the world. Customers range from the United States Departments of Defense and Homeland Security to mobile environmental monitoring vans in China. Though the core technology of all Griffin's instruments is the Purdue University patented Cylindrical Ion Trap (CIT), each of our products is tailored for particular customer markets.

Griffin wants people to be as innovative as our products so successful Electrical Engineer applicants are able to bring novel ideas to designing and reducing the size of the instrument electronics using the latest design philosophies and methods. Collaboration is also encouraged and highly valued at Griffin, thus providing many opportunities to work with other functional disciplines, technologies and companies. Our engineering team members work closely with our scientists and our manufacturing personnel to achieve superior results.

Critical Job Elements:

- Design electronics for new product development projects
- Work directly with scientists on R&D projects to develop electronics to advance new technologies in analytical instrumentation
- Create, test and implement prototype circuitry (analog and digital)
- Develop and define testing and assembly procedures for use in manufacturing
- Prioritize and multi-task work on simultaneous projects
- Provide support and sustaining activities for the electronics on current products
- Resolve manufacturing assembly issues for early stage product design and equipment development
- Document testing procedures
- Convert technical concepts to viable designs

ABOUT ICx

ICx Technologies sells products designed to thwart terrorists, sniff out improvised weapons and intercept agents of mass destruction. Our sensors detect chemical, biological, radiological, nuclear and explosive (CBRNE) materials. We manufacture security radars, infrared cameras and other products that detect, illuminate or neutralize incoming threats. And we sell systems and software that link, supervise and control security products supplied by ICx and other vendors and partners. We provide solutions where traditional technologies are too expensive, cumbersome or unreliable to do the job.

Qualifications:

- BSEE/MSEE (or equivalents) from an accredited institution
- Required experience:
 - 2+ years of experience in product design
 - 2+ years of experience with schematic capture system, preferably OrCAD
- Required skills:
 - Create detailed drawings and documentation
 - Familiar with analog and digital circuitry
 - Fabricate and test prototype designs
 - Solder surface mount and through-hole components
 - PCB layout background a plus
 - Proficient with test equipment such as DMM, oscilloscope, and data acquisition
 - Advanced troubleshooting
- Proven success in developing and productizing high tech electronic instrumentation
- Excellent analytical and problem-solving skills
- High energy, proactive orientation
- Ability to effectively communicate and interact with team members
- Comfortable in a dynamic, entrepreneurial atmosphere

Send resume and cover letter to:

Recruiting Manager

jobs@griffinanalytical.com

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization.