



About ARRADIANCE

Founded in 2003, Arradiance combines unique talents in material science, charged particle physics, equipment design, modeling, simulation, vacuum technology, and metrology providing world class Atomic Layer Deposition (ALD) and Plasma Enhanced Deposition (PEALD) systems and Foundry services solutions.

To continue our track record of growth, we are seeking to add a hands-on and versatile **Electrical & Electronics Design Engineer** to join our team. As a key player on a team you will be designing, developing, and delivering ALD capital equipment solutions that enables technologies across markets around the world. We welcome applications from technically skilled engineers who are ready to take their career to the next level and meet all requirements below.

Job Description: Electrical & Electronics Design Engineer, R&DE

Employment Type: Full-Time – This is an in office on-site position to start immediately

Location: Littleton, MA

Travel: Estimate <10%

How will you make an impact

- Design, develop, test, debug and document embedded electrical control systems supporting Arradiance products.
- Write high level control software (pc based) as well as low level embedded firmware as required.
- Design custom microcontroller (ARM based) based PCB's as required.
- Assist Technical Support for reported field problems as well as manufacturing.

Education:

- Minimum BS in Electrical Engineering or equivalent relevant work experience

Experience and Skills:

- Proven industry success in electrical and electronics system design.
- Analog and digital circuit and system design including pcb design and layout using KiCad or equivalent.
- Thorough understanding of common industrial communication protocols such as RS232, RS485, Ethernet, MODBus.
- Embedded low level firmware design including real time operating systems such as RTOS.
- High level Windows pc based control software and user interface design using MS Visual Studio (C/C+/C#), NI LabWindows (C), Qt, or similar. Thorough familiarity with real-time, multi-threaded control.
- Experience with electromechanical system design and automation.

As part our team you'll enjoy:

- A dynamic and collaborative work environment with a multicultural and highly educated team
- Competitive compensation package including exceptional benefits (401(K), medical, dental, bonus program, etc.)
- Application knowledge of ALD (Atomic Layer Deposition) and numerous other technologies
- Potential for rapid career development alongside a well-established and growing team
- Working with world-class big company talent, with the work life balance of a small company

Please get in touch with us!

Arradiance is an Equal Opportunity Employer that is committed to hiring a diverse and talented workforce.

Send your resume and a brief cover letter to HumanResources@Arradiance.com