Reno Subsystems
https://renosubsystems.com/

POSITION TITLE: Senior Electrical Engineer

POSITION LOCATION: Sparks, NV

POSITION DESCRIPTION:
Reno Subsystems is looking for a highly motivated and capable Senior Electrical Engineer to lead the development of control algorithms and circuit design on flow products. Duties include, but are not limited to:

- Leading rapid development and production of key flow control mechanical components such as laminar flow restrictors and valves navigating IP and developing manufactured design
- Driving product development and product improvement projects and the interdisciplinary teams dedicated to the projects
- Preparing and delivering design reviews and reviewing other team member designs
- Training and mentoring junior engineers and technicians on the team
- Working with customers for development projects as well as product troubleshooting
- Driving R&D to discover and productize new and innovative gas delivery and flow products
- Working with suppliers and labs to fabricate component and developing processes
- Guiding supporting staff to drive component development needs
- Preparing designs and specifications for new products

MINIMUM QUALIFICATIONS:
- Bachelor’s degree in Electrical Engineering or related field
- More than five years of experience in electrical design and controls development aspects related to control algorithm development in C/C++, analog circuit design, and overseeing design/drawing/documentation development
- Hands-on experience working with lab equipment including general lab instrumentation and pressure transducers and calibration equipment
- Strong problem solving and troubleshooting skills
- Ability/passion to recognize opportunities, champion, and drive continuous improvement
- Motivated self-starter with an entrepreneurial spirit passionate about making an impact
- Work well independently and in a team, providing guidance to younger engineers and technicians driving maximum team effectiveness
- Positive, professional attitude along with the ability to follow factory policies and cleanroom protocols

DESIRED QUALIFICATIONS
- Master’s or PhD in Electrical Engineering or related field
- Military experience
- More than three years of experience in the semi-conductor industry
- Design for Robustness Methods or Six Sigma (DFSS)
- Track record of innovative development
• Experience in technical/practical aspects including/related to proportional solenoid valve design/magnetics, flow controllers, vacuum gages, and pressure transducers, and flow control design for Robustness Methods/Six Sigma
• Familiar with Excel/VBA, Labview, and SolidWorks

HOW TO APPLY:
Interested candidates should send in their resume and cover letter to spenley@renosubsystems.com.