Title: Electronics Engineer

Description: Rydberg Technologies is seeking electronics engineers to join our quantum R&D and product development group to work on development and manufacturing of next-generation atomic RF receivers and quantum devices. Responsibilities will include advanced hardware design and development for prototype and commercial products, component-level (optoelectronics, low-noise photoreceivers, etc.) and device-level integration, performance testing and optimization, and manufacturing process development. We seek high-caliber candidates who are solution-oriented, organized, self-motivated, have an interest in top-level project planning and execution, give attention to the finest project details, and have the ability to work both autonomously and in a dynamic, fast-paced team environment.

Required experience and skills: Analog and digital electronics, embedded systems, data acquisition, firmware, signal processing, programming (e.g. C/C++, python, MATLAB, fortran), hardware-software interfacing and control systems.

Other experience and skills: RF/THz electronics design and engineering, PCBA, FPGA, EM modelling (e.g. ANSYS) and technical design (e.g. Solidworks), software defined radio, front-end software and GUIs.

Qualifications: Advanced degree (MS or PhD) in electrical engineering, controls engineering or related field. BS degree with substantial relevant industry experience will also be considered. One to three years of post-doctoral or industry experience highly desired. Priority consideration will be given to US citizens or green card holders.

Compensation: Competitive salary and benefits including family medical, dental, and vision insurance, PTO, maternity/paternity leave, and retirement match program. Compensation will be based on candidate qualifications and experience.

Contact: For questions about this opportunity email admin@RydbergTechnologies.com with the subject “Applicant: Electronics Engineer.” Applicants should send a brief description of themselves and their interest in the position, a curriculum vitae, and be prepared to provide two references upon request.

Rydberg Technologies Inc. is a research and development company and manufacturer of quantum technologies for next-generation sensing, measurement, and imaging solutions. Rydberg Technologies is the industry leader in atom-based quantum RF detectors, receivers and measurement devices, supported by a foundation of fundamental and applied physics research and an expanding core technology IP portfolio. Rydberg Technologies Inc. main offices and facilities are in Ann Arbor, Michigan USA.

Rydberg Technologies in an equal opportunity employer. All qualified applicants will be considered without attention to race, color, national origin, religion, sex, sexual orientation, gender identity, age, disability, or military status.