**Title:** Electronics and Controls Engineer

**Description:** Rydberg Technologies is seeking an electronics and controls engineer to join our quantum R&D and product development group to work on development and manufacturing of next-generation atomic and quantum devices. Responsibilities will include advanced hardware and software controls 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, give attention to the finest project details, and have the ability to both work autonomously and in a dynamic, fast-paced team environment.

**Required experience and skills:** Advanced programming (C/C++, python, MATLAB, fortran), analog and digital electronics, data acquisition, firmware programming, signal processing, hardware-software interfacing and control systems, front-end software and GUIs.

**Other experience and skills:** RF/THz electronics design and engineering, PCBA engineering, FPGA programming.

**Qualifications:** Advanced degree (MS or PhD) in electronics, 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, retirement match program, and participation in the company stock plan. Compensation is based on candidate qualifications and experience.

**Contact:** For questions about this opportunity email admin@RydbergTechnologies.com with the subject “Applicant: Electronics and Controls 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.