

Role: Automation and Controls Engineer – Motion

Company Introduction:

e-TRNL Energy is building the next generation battery cell technology. Its approach to product development offers a compromise-free technology with simultaneous improvements on the safety, fast charging, life and energy density fronts, while improving scalability and reliability in manufacturing. e-TRNL Energy has recently closed its pre-seed funding round and is looking to accelerate its product development operations.

Who are you:

We are looking for individuals experienced in programming applications that require multi-axis motion control. This position works with industrial PCs, PLCs, servo controllers, drives, motors and sensors in an Industrial Automation environment. Machines and applications may involve robotics and/or machine vision. The person accepting this full-time position will be resourceful, independent, goal-driven, and most importantly, a team player.

Qualifications, education and/or experience:

- Requires a B.E./B.tech/M.E./M.Tech. in Electronics Engineering, Electrical Engineering, Mechatronics Engineering, Software Engineering or related discipline or equivalent
- 3+ years of relevant industry experience
- Ability to read and understand mechanical, electrical, pneumatic, and hydraulic schematics
- Strong working knowledge of automation systems, robotics, and/or motion control systems
- Experienced with component selection and system design
- Experience with Rockwell PLCs, servos, and VFDs.
- Basic understanding of electrical connections in machines

Essential Duties and Responsibilities:

- Work with mechanical engineers to assemble and test automation systems.
- Programming, testing, and commissioning of industrial applications involving multi-axis control.
- Apply machine safety programming and design concepts to new and legacy control systems.
- Develop end-user documentation in support of the design, test, and operation of automation systems
- Development of vendor base to optimize fabrication timelines

Benefits:

In line with industry trends

For more details, please visit <https://e-trnl.energy/about-us> or write to us at careers@etrnl.energy.