Control System Engineer - SAN JOSE, CA / PLATFORM MANUFACTURING / FULL TIME

We need highly talented and enthusiastic minds to join our mission to help transform electric mobility, energy storage, and sustainable manufacturing- for a healthier planet.

**Job Description**

We are seeking a full-time engineer to design and implement control systems from concept through delivery for our 4M platform; the world’s first multi-material, multi-method (4M) additive manufacturing platform. The candidate will be part of a highly motivated and experienced team. This position is full-time, based in San Jose, CA.

**Responsibilities**

• Design and implement control systems including system architecture, HW/SW design, UI design, programming, debugging, and safety analysis. Serving as a subject area expert.

• Develop comprehensive Functional and Software Design Specifications, and Test Plans.

• Emulate platform to support virtual commissioning.

• Lead control system debug, acceptance testing activities, installation, and training.

• Keep current with New Technology, Engineering Methods, and Standards within Automation Industry

• Establish and own technical working relationships with (Panel shops, CM’s and OEM’s)

• Assist with meeting project cost constraints, deadlines, goals, and objectives of assignment.

**Benefits**

As a team member, you'll enjoy:

• Comprehensive benefits package including medical, dental, vision, and life insurance

• 4 weeks of paid time off

• Stock options

• Career development

• Company provided meals, snacks, and drinks

**Qualifications and Skills**

• BS Electrical Engineering or Mechanical Engineering with a minimum of 10 years plus of relevant experience.

• Proficiency in the design of control systems including power distribution, PLC configuration, SCADA, HMI, and machine safety.

• Experience in preparing engineering documentation including Electrical Schematics, Bills of Material, Process & Instrumentation Diagrams, and Manuals.

• Experience IEC 61131-3 programming languages (Ladder Logic, Function Block Diagram, Structured Text, Sequential Function Chart, Instruction List). Rockwell Automation suite of controllers a plus.

**Equal Opportunity:**Equal opportunity employer and complies with all applicable federal, state, and local fair employment practices laws. All qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, ancestry, sex, sexual orientation, gender, gender expression, gender identity, genetic information or characteristics, physical or mental disability, marital/domestic partner status, age, military/veteran status, medical condition, or any other characteristic protected by law.