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## **Controls & Software Engineer**

March 23, 2022

### **Job Description**

#### **Overview:**

The Controls and Software Engineering position will work on a wide variety of projects which include: pallet sensors, RFID, and IoT tags; automation equipment programming, and developing software programs and the associated cloud-based databases. This position will include research and new product development. Also included is reviewing engineering process flows.

#### **Requirements:**

- Bachelors degree in Electrical Engineering or Computer Science preferred
- Ability to code in MS C# in the Visual Studio environment
- Experience with MySQL in a cloud environment is a plus
- PLC programming is a plus
- Solidworks CAD experience is a plus
- Ability to hit agreed development schedules
- Comfortable working in a manufacturing company.
- Excellent written and verbal communication skills and strong organizational skills.
- Analytical and interpretive skills to problem solving.

#### **Superior Performance Objectives:**

- Successful commercialization of new pallet sensors and devices
- Successful prototypes of new products
- Customer satisfaction of those projects that directly interface with customers
- Security of data
- Uptime of automation equipment on the Production floor
- Teamwork with the Engineering Team
- Efficiency in "time to market" for new products

#### **General Job Description:**

- RFID tag initialization and cloud-based tracking
- Develop a pallet testing equipment
- Ability to program all of our production floor automation equipment
- Internal green energy projects (solar, hydrogen) Back-up Generator
- Building and Production Equipment electrical requirements and design
- Provide timely response to emails and phone calls from internal and external customers/vendors
- Work independently, take initiative, set priorities, and see projects through to completion.
- Identify opportunities for process improvement, develop and implement solutions.
- Communicate effectively
- Overall organization and cleanliness of the lab areas and your office space.
- Maintain a consistently positive, enthusiastic attitude.
- Assist in any way possible to help Artistic Composite Pallets be successful.
- Other duties as assigned

- Contribute to our strategic planning process and goals for the upcoming year.

### **About Artistic Composite Pallets:**

Artistic Composite Pallets manufacturers creative, quality, composite pallets using beautiful art and inspiring imagery.

To meet these goals, we provide a work environment that our people are proud of and committed to, where all employees have an opportunity to contribute, learn, grow, and advance based on merit. We ensure our people feel respected, are treated fairly, listened to, and are engaged. Above all, we want satisfaction from accomplishments and friendships, blended personal and professional lives, and to have fun as we compete in the marketplace.

In addition to exciting work at a growing company, we offer the following benefits:

- Health, Dental, and Vision Insurance
- 401(k) Retirement Plan with a company match
- Vacation/Holiday Pay
- Master's Degree Tuition Reimbursement
- Community Volunteer Work
- Company Social Events

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