Senior Systems Engineer

Are you looking for an amazing workplace where you can put your skills to work while enjoying an amazing culture, where employees are happy, employees are developing, and the team is performing at super high levels? If so, please read on and apply!

Ecovative is the world’s leading fungal biomaterials research company, generating groundbreaking new materials and foods from fungi. Our research is conducted in several state-of-the-art incubation systems, and supported by a range of laboratory and analytical equipment.

We are seeking a Senior Systems Engineer to join our Foundry Engineering team who will oversee the high-throughput experimental culturing platforms to advance mycelium-based products research. We invite applicants with backgrounds in industrial systems engineering, mechanical and embedded systems engineering.

What You’ll Love About Us

- **Fantastic Team Culture.** Innovative team with diverse interests (from race cars to off-grid living).
- **Excellent Benefits.** Health, dental, vision, retirement, EAP, PTO, tuition reimbursement
- **Time to Connect.** Earth Day community work, company retreats, holiday events, pi day, costume competitions, pumpkin carving, etc.

Ecovative’s Senior Systems Engineer Will:

- Oversee and manage the development and ongoing support and improvements for our high-throughput automated culturing platform.
- Provide technical leadership over next generation culturing systems and data acquisition pipelines.
- Demonstrate organizational expertise, project management, and budgeting skills.
- Works closely with cross disciplinary teams, scientists, engineers, and operation associates to program and commission research pipelines.
- Manages third party vendors, contractors, and manufacturers.

Minimum Qualifications:

- Engineering design methodologies such as need finding, iterative design (design-build-test), usability, parallel path vs. series design.
- Fluency in mechanical design, thermodynamics and or fluid dynamics.
- Proficiency in engineering calculations and ability to reference technical industry literature to verify physical, mechanical, electrical, and thermodynamic characteristics and/or behaviors of systems.
Experience performing multi-discipline, systems-level engineering development.
Reading schematics and performing system-level debugging skills.

Desired Skills:
- Experience with embedded systems design (i.e., circuit modeling and fabrication, knowledge of basic digital or analog electronics prototyping).
- Experience with supervisory control and data acquisition (SCADA) systems
- Experience with hydroponics, fermentation, or lab automation hardware commissioning processes.

Education:
- Bachelor’s degree in a related Engineering field with a minimum of five (5) years engineering experience; or Associates degree or other relevant technical credentials (e.g. technical program certificates) with seven (7) years engineering experience. Master’s degree preferred.

Ecovative is an Equal Opportunity Employer.
Please send your resume and cover letter to jobs@ecovatedesign.com

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