

Job Title: Engineering Co-op/Intern

Location: Erlanger, KY

Position Summary

We are seeking a bright and motivated individual to work in our Erlanger, KY headquarters as an Engineering Co-op/Intern for the summer of 2022 (May-August).

Job Description

Assist the development and manufacturing of UV-C LED devices for water, air, and surface disinfection. Candidate will be working with manufacturing, engineering, and development of UV-C LED devices. This position will primarily be focused on production, and the implementation of lean manufacturing principles and programs. However, this position may also include product testing and the implementation of a safety program.

Major Duties and Responsibilities

- Assist and lead in the development and implementation of manufacturing programs:
 - Assist in development of automation implementation and optimization studies
 - Perform time studies of production processes
 - Implement Safety Program for production personnel
 - Assist development of fixtures and prototype units
- Support engineering team:
 - Lead and assist in testing of new and existing products
 - Help update our SolidWorks library as we migrate servers onto PDM
 - Write technical documentation of products, and create drawings for manufacturing and quality departments

The ideal candidate will have

- Pursuing a bachelor's degree in Engineering (Mechanical, Electrical, or related)
- Proficiency in Microsoft Word, Excel, and PowerPoint
- Good written and verbal communication skills
- Basic proficiency in SolidWorks and SolidWorks PDM
- Experience with Machining
- Ability to write in Python programming language
- Good task management and organizational skills
- An interest in learning about wastewater treatment, environmental sciences, or emergent disinfection technologies
- Some experience with basic circuit assembly

AquiSense Technologies is the global leader in UV-C LED systems design and manufacture. We work with leading LED manufacturers to evaluate their devices and then design efficient disinfection products. Using a combination of patented technology and in-depth know-how, AquiSense integrates LED devices into products that solve real world problems in water, air, and surface applications. Visit us at: www.aquisense.com