

Engineering Internship

Job Highlights

Clean Crop Technologies, Inc. ("Clean Crop") stops crop loss at the source, removing pathogens from seeds before they are planted, increasing yields, reducing in-field waste, and improving food safety. Clean Crop's Clean Current technology combines electricity and food-grade gases to create cold plasma, inactivating a broad spectrum of contaminants from seed surfaces in a dry, automated, and residue-free process.

We are seeking a hands-on engineering intern to help our product development team! Under the leadership of the Director of Product Development, the intern will be exposed to and have a chance to lead complex design and fabrication projects related to company prototypes and product builds. This is an exciting opportunity to learn from an experienced engineering team and help innovate in a fast-paced environment. The selected individual will work in a team environment that requires excellent communication and interpersonal skills.

Job Location: Holyoke, MA

Role & Responsibilities:

- Conduct an independent research project related to sub-assembly optimization and origination of key product requirements.
- Design key components and systems to be used in upcoming prototypes or related R&D facilities.
- Have an opportunity to participate in the operation, development, and troubleshooting of both prototype and production equipment.
- Work with the fabrication team to cut, print, and assemble components to support ongoing product development.
- Manage CAD designs, FEA and support design leads on BOM, inventory and procurements related to upcoming builds
- Procurement management for product development team – ensure short lead-times, competitive bids, and work flows are managed on a daily, weekly and long-term basis.
- Participate in brainstorming sessions, design reviews, and FMEA exercises to provide strategic and creative solutions to the product development team.
- Support the upkeep and management of workshop and fabrication space.
- Ensure all facilities meet company protocols for worker safety and quality control during prototype design and builds

Qualifications:

- BS in Mechanical Engineering, Chemical Engineering, Electromechanical Engineering, Electrical Engineering, Industrial Design, or Physics
- Fluent or high aptitude for CAD/CAM design software (Autodesk Inventor/Fusion 360 and/or Solidworks preferred)
- Demonstrated strong mechanical and problem-solving skills and ability to design mechanical components that meet required specifications.
- Proficient in MS Office solutions and comfortable presenting data, and technical review docs during meetings with internal & external parties.
- Hard working, goal oriented, and ability to manage multiple tasks in a fast pace work environment
- Creative, problem solving mindset – outspoken team player
- Must be able to lift boxes and materials up to 50lbs
- Valid drivers license preferred

Apply:

Email resumes to talent@cleancroptech.com
or via our website <https://cleancroptech.com/about/>

About Clean Crop Technologies, Inc.

Clean Crop Technologies ("Clean Crop") is based in Holyoke, Massachusetts, where they operate out of a 14,000 square foot purpose-built facility, including an R&D lab, in-house rapid prototyping machine shop, biological laboratory, and commercial treatment operations. Clean Crop's Clean Current technology uses electricity to fight food waste and food safety risk by removing contaminants from seeds and foods to increase crop yields, reduce food waste, and increase food safety.