

Agricultural Engineering Internship Job Description

Freshway Farms, LLC.

Status: Level II Hourly; Part Time

General Job Description: The Freshway Farms (“FWF”) Agricultural Engineering Intern will gain a wide range of practical experience by designing systems to improve efficiencies in harvesting and other activities which will be implemented on existing machines.

Relationship to Others within the Company

- Reports to and receives assignments from the Production Coordinator and General Manager.
- Will work with outside Engineers, Food Safety Coordinator, and Ranch Supervisors in order to determine specifications and constraints for designs.
- Discussing with harvest crews to get input from those actually completing the work. The ability to speak Spanish is not a requirement but does help. If you do not speak Spanish, you will gain a lot of practice.

Primary Responsibilities

- Designing Systems using CAD and SolidWorks
 - o Work with Production Coordinator to determine where efficiencies in different operations can be achieved. Systems will aid workers in tasks to improve ergonomics and overall time to complete tasks.
 - o The systems designed will include both structural and hydraulic engineering.
- Materials - Purchasing/Layout
 - o Creating lists of materials and comparing quotes from different vendors.
 - o Ensuring that materials purchased will comply with food safety regulations as well as worker safety aspects.
 - o Work with Farm Shop to ensure that drawings and materials are clearly presented so that mechanics are able to fabricate in an efficient manner.
- Cost Analysis and Timelines
 - o Creating a cost analysis to determine if the designed system will be cost effective.
 - o Preparing fabrication and materials timelines so that projects can be completed in a timely fashion. These lists should include the following:
 - Materials lead/delivery times
 - Step by step project layout
 - Completion and testing dates

Primary Competencies

- Attitude: proactively looks for and proposes ways to improve operations; contributes to building a positive team spirit
- Attention to detail: pushing to ensure that detail is getting done; focused attention to detail
- Communication: Listens and gets clarification as needed; responds well to questions; remains open to others’ ideas or suggestions; proactively presents suggestions and ideas to improve operations as appropriate
- Dependability: takes responsibility for his or her own actions; keeps commitments
- Diligence: works to complete work required with a “whatever it takes” attitude
- Quality oriented: completes work in a timely manner; strives to increase productivity

Physical Requirements: Must have the ability to walk, talk, hear, see, speak, concentrate, and sit for lengthy periods of time, reach in all directions, stoop, bend and lift up to 40 pounds repeatedly throughout the day.

This job description is intended to describe the general nature of the work performed by employee(s) in this job. It is not an exhaustive list of all the job’s responsibilities. At Freshway Farms, all of our jobs include broad responsibilities for continually searching for and implementing ways to improve quality and profitability.

Contact: Ben Adam

Email: Ben.freshway@gmail.com

Cell: 805-260-9500