Position: Lead Engineer

Mantis Ag Technology is currently looking for a full-time **Mechanical, Electrical, or an Agricultural Engineer** to work within our Technical Development department. This person will take charge of Mantis’ research and development efforts with the goal of improving performance of current products and designing future products around our core machine vision technology.

**Job Description & Duties**

- Design updates and improvements to the mechanical, electrical, and vision systems of Mantis’ automated thinning machines
- Take the lead on new product design and testing
- Interact with field operations and customer base to establish design needs and constraints
- Conduct performance testing of sensors and control systems
- Take the lead on purchasing and inventory maintenance
- Help accounting teams track capital expenditures for engineering projects
- Implement protocols for preventative and corrective maintenance to ensure optimal function of machinery
- Work with Field Operations Supervisor to coordinate timing of repairs and maintenance

**Requirements**

- Bachelor's Degree (BS) in Mechanical/Electrical/ Agricultural Engineering or closely related discipline
- Work Experience
  - Minimum 2 years’ experience with automation or mobile machinery design and testing
  - Knowledge of the Agricultural industry strongly preferred
- Project management experience and strong leadership skills are a plus
- Experience working with software engineers and machine vision a plus
  - Basic knowledge of 3D CAD software such as SolidWorks or Inventor
  - A self-motivated individual who excels in a challenging environment
  - Ability to work with little to no direct supervision
  - Must have a clean driving record.
  - Must be able to work in an outdoor agricultural setting around heavy machinery and chemical applications (hazardous environment).
  - Must be authorized to work in the US

**Compensation**

- Salary will be commensurate with education and experience
- Company Vehicle will be provided
- Phone provided for on the job communication
- Medical, vision, dental & life insurance
- 401k retirement plan
- Housing and per diem provided when away from primary residence

**About Mantis Ag Technology**

**Mantis Ag Technology** pairs the latest in farm equipment design with innovative vision recognition software to maximize the efficiency of our grower/clients. Having successfully mastered *automated thinning* of Western vegetable row crop, our R&D efforts are now focused on matching our vision recognition software to other innovative applications within the ag industry. Mantis provides these services to growers in the California and Arizona vegetable production regions with our in-house fleet of machines. In addition, we custom build machinery for direct sales and lease programs.

Visit our web-site at: www.mantisag-tech.com