Director of Custom Ag Harvesting Equipment Development

Responsibilities:

- Develop, create and field test custom ag prototypes
- Oversee design agreements with specialized ag machine builders
- Find, and manage suppliers offering partial or full solutions involving tech forward principles (i.e. vision systems and robotics)
- Schedule and oversee work of the group facing multiple demands/scarc resources.
- Choose options, access appropriate cost benefit analysis and propose solutions to curtail equipment costs and service contracts.
- Manage and recruit technicians/ engineering staff
- Adjust schedules and assign duties to maintain enough personnel taking into account changing workloads
- Consult ordinate with top level management on various issues

Qualifications:

- 5-10 or more years’ experience in a related field
- BS in Engineering in Mechanical, Mechatronics, Agricultural, Biological Systems
- Proficient technical writing as well as documenting skills
- Direct experience with ag harvesting equipment...knowledge in to design for rugged outdoor conditions as the harvest is year long
- A character to adapt well with a conundrum of persons including field harvesting personnel
- Software product knowledge i.e. including: Microsoft desktop softwares, CAD modeling (i.e. Solid Works), Motion/ automation control software, Linux, Python.
- You will spend time in a vegetable field containing uneven surfaces, will ascend up and down loud harvesting equipment, and use both
hands to perform various jobs. Also be exposed to do so in rough weather conditions

- Must be ready and able to gather apparatus data in field conditions
- You will spend some periods of up to three weeks in Southern California or Arizona.
- Ability to analyze data skills and ability to absorb new technology
- Robust mechanical design abilities
- Work schedule will include occasional long hours including weekends and some holidays

**We Prefer:**

- Someone with some knowledge/experience in robotics and or control.
- Prior experience in agriculture.
- Bilingual Spanish/English.
- Past background as a lead creator/designer of complete mechanized systems

**Please contact:**

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