

GROWNETICS

Controls Engineer

03/06/2018

Budget: \$40-70K

Company Introduction

Grownetics is the future of agricultural artificial intelligence, and recognized as one of the most advanced cannabis technology companies in the world. By combining big data and machine learning optimization algorithms, Grownetics helps growers reduce costs, decrease energy usage, and increase overall quality and yield. Think the “self driving car” for agriculture, a smart-thinking, fully automated farm. The 60% operational cost savings experienced by Grownetics customers have been validated by the University of Colorado's associated research team and the company has won awards including "Best New Technology Company" from the University of Colorado and the Denver Post's award for "Best Cannabis Technology Startup” in the USA.

Working at Grownetics

Grownetics is a remote-first company. In this age of innovation and instant global communication we think it is silly to limit our potential talent pool to people who happen to be located in a specific geographic area. We provide a great deal of agency to our employees and trust them to manage their time effectively to complete what they need to get done, while still maintaining a healthy work/life balance. As such we are looking for a specific type of personality that is compatible with how we work.

- Self-starters who can get things done without always needing clear direction.
- Good writers. We communicate primarily online, so all teammates must be able to communicate effectively.
- Detail oriented, erring on the side of over communication.

Role to Fill: Controls Engineer

The Controls Engineer will provide team leadership in delivering automation systems for the most advanced cultivation facilities in the world. This position requires demonstrated technical proficiency in implementing automation solutions with PLC, DCS, HMI, and SCADA platforms. The Controls Engineer will interact directly with the customer; and lead a talented and diverse team of Grownetics engineers in identifying requirements, developing specifications, and implementing/testing/commissioning/qualifying automation solutions. This position requires strong problem solving ability, well-balanced people skills, an aptitude for business efficiency, and an interest in creating partnerships. The Controls Engineer demonstrates success by securing repeat work with customers to drive positive business outcomes.

This position requires the ability to deliver innovative automation solutions and design standards either self-directed or as a leader of a team. The candidate must have the ability to conceptualize, detail and implement control systems for industrial processes and machinery that meet our customer's requirements. This involves the development of a control system architecture, selecting the components to be used, detailing schematic diagrams and system documentation, programming controllers (PLC,DCS,RTU), programming the process visualization (HMI/SCADA), developing databases for archiving/displaying historical system data and implementing/commissioning the control system at the client's facility. Knowledge of controller programming languages such as Ladder, Sequential Function Chart, Structured Text and others to achieve the desired results is required. Also having knowledge of standard programming languages such as C++, PHP, Javascript, Node, Go for the development of HMI/SCADA systems is preferred.

For larger systems, experience with industrial networking used to connect control system components and instrumentation is preferred. The Controls Engineer would design, detail and implement a variety of fiber, wired and wireless systems using industrial protocols (Ethernet/IP, Profinet, Modbus, etc.).

This position often times requires the following project

management responsibilities: developing project execution plans, work breakdown structures and associated budgets, task prioritization and scheduling, task ordering, time tracking and reporting, financial tracking and reporting, early problem identification, conflict management/resolution, leading and supporting a team, and attending project status meetings. Also includes overseeing daily operations and activities of a project(s) ranging in size from up to \$1M. This position is often responsible for ensuring overall profitability of the project.

The ideal candidate must have a diverse engineering skill set with the ability to work independently. Will act as technical lead on projects and guide lower level engineers and technicians. Could also act as Project Manager on smaller projects

Hiring Process and How To Apply

In order to protect our culture and quality of work Grownetics implements a blind hiring process and hire slow policy. If you are selected for the position it will begin as contract to hire for a 3 month trial period followed by an offer for the first year.

1. Make sure you qualify, no recruiters or agents.
2. US Citizens Only
3. Background Check Required
4. Fill out the job application at the link below
 - a. <https://goo.gl/forms/yD82MylGVw9k9KaE3>
5. Due to our blind hiring process it is important you only put personal information in where designated.
6. We will contact you within 30 days