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# Example of Agricultural Engineer Job Description

Our company is growing rapidly and is hiring for an agricultural engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for agricultural engineer

* Administer policies/procedures in a manner conducive to positive employee relations while promoting safety awareness
* Prototype Robotics platform for agricultural applications
* Test and validate the robotic platforms for agricultural applications
* Prepare mission (flight) plans for unmanned aerial vehicle (UAV) for data collection over agricultural farms
* Develop technology to aid autonomous navigation and data collection for ground and aerial robots
* Improve development processes and advance scientific research
* Use computer software to design equipment, systems, or structures
* Modify existing agricultural machinery to introduce electronics and software control system
* Test on lab and field for demonstrating improved functionality
* Support and coordinate for required certifications and standards

## Qualifications for agricultural engineer

* Expertise in analyzing data
* English written / spoken is required
* Dangerous Goods Regulation Certified (all transport mode) is desirable
* Masters degree or PhD in Computer Science, Robotics, Engineering or related areas
* Image processing & tools
* Knowledge in machine learning and optimization techniques