



WANDERING SHEPHERD

1825 West Ray Road, Suite 2107

Chandler, AZ 85224 | www.WanderingShepherd.com

ELECTRICAL & COMPUTER ENGINEERING (INTERNSHIP May – August 2020)

Wandering Shepherd is a technology company that has developed an IoT device called the Wireless Rumen Bolus.

The Wireless Rumen Bolus (WRB) is an Autonomous Livestock Monitoring system that monitors the health and location of livestock, all while hidden inside the rumen, undetectable from rustlers.

The WRB monitors

- Temperature
- Identification
- Location
- Illness & Disease Detection
- Heat & Calving Detection
- Livestock Traceability
- Theft Protection
- Battery life up to 5+ years
- Retention Rate >99.99%
- Alerts Messenger

We are currently seeking multiple students

Electrical & Computer Engineering Position

Imagine an internship where you get the chance to apply knowledge gained in the classroom to a real-life environment.

Students will have the ability to take what they learned in class and put it to work in real-world applications.

Some of the areas you will be working on

- Design, test and manufacture Internet of Things prototypes
- Design and test firmware for Internet of Things devices and Base Stations
- Design and test Solar Panel rating using NASA POWER (Prediction of Worldwide Energy Resources)

Academic Requirements

- Open to all University of Arizona Electrical & Computer Engineering students
- Students must have completed at least one year of University
- Ability to work independently and in a team environment.