ROBOTIC SOFTWARE ENGINEERING INTERNSHIP

Perception in complex outdoor environments
Paid pre-grad or graduate internship (8-10 weeks)
Philadelphia, PA

At Augean Robotics we are pioneering commercial robots into dynamic unstructured outdoor environments and building the future where collaborative robots work alongside people while laying the foundation for expansive high-value autonomy. Today, our launch product, Burro, is in trials with some of the world's largest growers, and we are looking for a software engineering intern who can undertake a number of projects integrating hardware and software into our systems.

The role:

- Tackle various projects, including integrating and calibrating a full sensor stack, building out a simulation suite, and developing and testing algorithms for vision-based perception and navigation.
- Develop and maintain a constellation of software packages
- Work with our team and contribute to our culture of collaboration, innovation, and intellectual curiosity

We are looking for:

- Experience writing C++ and/or Python code
- Experience with tensorflow, Caffe, Ceres Solver, ROS, OpenCV, and PCL
- Outstanding educational credentials including working towards a Masters or PhD in computer science, engineering, physics, or related subject
- Passion for solving challenges and building opportunities around commercial robots

About Augean Robotics:

Augean Robotics is commercializing a ground-up autonomous platform for use in agriculture. As a full stack company, sitting at the nexus of hardware/robotics, autonomy, and artificial intelligence, we are launching the first generation of robots into the world's largest industry - agriculture, and solving one of the biggest challenges facing our food system - labor scarcity.

We are venture-backed, and looking for top talent that shares our passion and wants to be part of a fast-moving and highly execution-oriented team.

To apply, or to learn more:

Send an email to **jointheteam@agrbt.com**. Please include your resume and a few brief words on why you're interested.