

## DEEP LEARNING ENGINEER

*Perception in complex outdoor environments*

**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 seeking a Deep Learning Engineer to apply learning techniques and to develop perception around the massive data pipeline being produced by our fleet.

### The role:

- Build the visual intelligence behind a large fleet of autonomous robots
- Design and lead perception development, including real time object detection and tracking, scene segmentation, and row detection
- Coordinate development and training of a data pipeline from a large fleet of vision-based mobile robots
- Work with our team and contribute to our culture of collaboration, innovation, and intellectual curiosity

### We are looking for:

- Experience developing autonomy around ML techniques, and with deep learning architectures for classification, detection, and scene segmentation
- Experience in applied Machine Learning including data collection, analysis and feature engineering
- Experience with tensorflow, Caffe, Ceres Solver, ROS, OpenCV, and PCL
- Outstanding educational credentials including a Masters or PhD in computer science, machine learning, or another relevant field

### 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@agrbot.com](mailto:jointheteam@agrbot.com). Please include your resume and a few brief words on why you're interested.