

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 machine 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, PCL, and Numpy
- 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. Please include your resume and a few brief words on why you're interested.