

JOB DESCRIPTION

Computer Vision Developer

Machine Learning / Image Segmentation Expert

About Us:

AirWorks is an aerial intelligence company in the construction space. We provide aerial maps and site plans to contractors, civil engineers and surveyors. Furthermore, we are developing autonomous processing software to increase speed, efficiency and reduce rework cost of construction projects. We are participating in very exciting accelerator programs in Cambridge, MA from June to September this summer, and are looking to grow the company rapidly in the coming months. We are looking for a technical expert to join our team and lead the machine learning and other software development initiatives.

Roles and Responsibilities:

You'll be responsible for developing and training machine learning models for AirWorks aerial data processing software. Furthermore, you will work closely with civil engineering teams to prepare training datasets according to the specifications required by the machine learning algorithms. Those datasets will be trained in AirWorks' image segmentation pipeline to gradually improve results of the models. You should be a skilled coder, and excited to work in a high paced software team.

Minimum Qualifications:

- Bachelor's degree in computer science or equivalent experience
- Experience in working with convolutional neural nets, fully convolutional networks (FCN), computer vision and semantic segmentation
- Proficiency in Tensor Flow, Python, C++, Keras, OpenCV, AWS EC2 etc.
- Ability to communicate and present software development plans and track progress regularly and holistically.

Preferred Qualifications:

- Experience in working with spatial data, such as point clouds
- Ability to lead software development milestones, implement, establish and drive agile software development processes and lead regular software development sprints
- Ability to work with various different disciplines such as front and back end developers, UI/UX developers, web developers.
- Ability to effectively operate with ownership and flexibility in a fast-paced team environment.

Additional details:

- The position is full time
- Location is Cambridge, MA