

JOB DESCRIPTION

VP of Engineering

Machine Learning / Computer Vision / 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 creating and achieving software development milestones of the company together with the management team. We are looking for a talented, results oriented technical expert with experience with convolutional neural nets and semantic segmentation. At the beginning, you will be responsible for bringing AirWorks' current minimal viable product to a production level software application. You should be a skilled coder, ready to step into management roles.

Minimum Qualifications:

- Bachelor's degree in computer science or equivalent experience
- At least 3 years of software development experience ideally in leadership roles developing machine learning applications.
- Ability to communicate and present software development plans and track progress regularly and holistically through agile sprints.
- Ability to effectively operate with ownership and flexibility in a fast-paced team environment.

Preferred Qualifications:

- Master's degree or phd 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.
- Proficiency in Full Stack technologies such as React, Java Script, SQL, and experience in leading full stack development teams.
- Experience in working with spatial data, such as point clouds
- Experience in leading a software development team, implement, establish and drive agile software development processes and lead regular software development sprints

Additional details:

- The position is full time
- Location is Boston, MA
- Employee benefits included such as health care and others