Software Engineer - Computer Vision

Your challenge

The mission at CattleEye is to create the world's first autonomous livestock monitoring platform **improving** the lives of farmers and their livestock and **revolutionising** the Protein Supply Chain.

Following a recent investment the company is building a world class team of software engineers and data scientists in their Belfast offices to deliver on this mission.

As a Software Engineer working on the CattleEye platform, you will be responsible for deploying models into the pipeline and ensuring they run in a performant, cost effective way. This includes deploying models on the edge. This will provide new insights to farmers autonomously, in a way that is not available to them today

The Ideal Candidate

Our ideal candidate has analytical and problem-solving mindset, along with:

- A degree in Computer Science or equivalent.
- 3 Years industrial experience with at least 1 in the computer vision space.
- Experience deploying models in the cloud
- Experience in Python, Go, C#.
- Understanding of machine learning concepts.
- Experience running computer vision algorithms on video.
- Knowledge of Agile software development methodologies and can demonstrate technical understanding, development skills and interpersonal qualities that this role requires.
- Knowledge of Amazon Web Services, including: Lambda, SQS, SNS, S3, Sagemaker, Batch, Cloud Formation.
- A quick learner who is looking for new challenges and responsibilities in an innovative software company.

Bonus criteria include:

- Experience deploying models on the edge.
- Experience with serverless environments
- Experience deploying algorithms.

Responsibilities

Working as part of the team, your role will include:

- Making decisions on the best technologies to use.
- Deploying models to the cloud and the edge.
- Make decisions that balance performance vs cost.
- Building and maintaining the video processing pipeline.
- Play an active role in teams software delivery processes.
- Contributing to best practices, design patterns and identifying opportunities to refactor code.
- Working as part of a small, multi-modality team to deliver a cloud-based platform to capitalise on the insights generated from our algorithms.
- Interacting with customers to ensure we build the correct solution.
- Learning the domain alongside customers and resident domain experts.
- Maintaining the CI/CD pipeline to ensure rapid deployment for the product to the cloud and customer edge devices.