

Machine Learning / AI Internship

Mission

The objective of this internship is to design and implement several algorithms to analyze raw data reported by a measurement system based on animal sensors and provide a diagnosis on the state of health, behaviors and activities.

Responsibilities:

- Design, develop, test and maintain AI/ML Solutions to address business requirements.
- Perform feature-engineering activities common to machine learning
- Display standard data science statistics for models
- Design and develop secure and highly performant web applications with REST based integrations to applications.
- Develop and maintain artificial intelligence components
- Design, implement and support machine learning algorithms
- Rebuild and retrain production models regularly

Required Skills

Non-technical

- Smooth Communicator
- Technical Document Writing
- Capacity for Analysis and Synthesis
- Having a farming background is very welcomed

Technical

- Strong statistical and mathematical background
- Working knowledge of Python
- Knowledge in conventional machine learning techniques and coding packages (e.g. scikit-learn)
- Knowledge in deep learning development (e.g. Tensor flow, etc.)
- Knowledge in common deep learning model architectures including CNNs, RNNs
- Knowledge of theories and practice of signal processing is a plus

Duration: 5-6 months

Available Position: 2