Job Description For AI developer

Key Responsibilities

·   To configure and develop image regression model based on drone imaging

·   Should be able to analyze drone images for industrial complex like power plants, power distribution, refineries etc.

·   Ability to select the appropriate classified image libraries and algorithms to develop anomaly detection application

·   Should be able to program the application to automate the detection.

·   Should be well versed with various imaging formats to integrate the images on the IoT platform

·   Should able to develop prototypes on IOT platform and demonstrate the application to the client

·   Assist in installation and running of product demonstrations.

·   Test and reform algorithms to analyze videos images and improve detection sensitivity.

·   Evaluate various state-of-the-art computer vision algorithms and recommend the best fit for case-to-case basis

·   Develop and automate applications to support routine inspection through drones.

·   Port, implement, and optimize analytics and machine learning algorithms using special purpose computing architectures.

·   Secondary support and bug fixing for active applications at client sites

·   Contribute in expanding and sustaining a knowledge base through training and mentoring of peers and subordinates.

·   Establish technical performance benchmark

·   Support Sales team during bidding process with technical clarifications

·   Support project team with estimates, schedules and resources loading.

·   Develop solution architecture and generate draft for design reviews.

- Help in developing project documentation and client training.

- Skills & Experience

- Minimum 5+ years of work in computer vision, image analytics or related field.

- Certified Programmer

- Certification in AI / Data Analytics / Deep Learning is desired

- Programming Languages in Python, C++, R, Golang,

- Framework and Image Libraries: Open CV, TensorFlow, Keras,

- Having a personal Github account will be an advantage.

- Classified Models: Convolutional Neural Network, Clustering, Regression Model,

- Analytical capabilities to support engineering decisions.

- Certification in machine learning / deep learning algorithms in vision application.

- Experience in real-time video analytics pipeline.

- Drone based data analytics and modeling for anomaly detection.

- Process or Power industry experience is desired.

- Good in documentation practices, writing reports and project protocols.

- High level of technical aptitude

- Microsoft Office and technical presentation skills.

- Preferred to have inspection related experience.

- B.S., M.S. in (Computer Science, Electronic / Electric Engineer)