

Pensees Pte Ltd is an artificial intelligence company that focuses on Computer Vision and IoT technology which provides integrated industrial application solutions. Taking deep learning-based computer vision technology as a breakthrough, Pensees has established deep roots in security and other vertical industries. The company is committed to providing outstanding AI+IoT full-industry chain technologies and software and hardware solutions in the fields of Safe City, intelligent residential community, smart parks, and intelligent transportation, as it pushes itself forward in the industrialization of AI.

Job Title: AI Scientist / Senior AI Scientist

Job Description:

The AI Scientist / Senior AI Scientist will be involved in the research and development for various fundamental and cutting-edge machine learning (ML), deep learning (DL), computer vision algorithms that advances facial recognition software as well as the development of algorithm libraries for platform deployment.

Job Responsibilities:

As an **AI Scientist / Senior AI Scientist**, you will be responsible to:

- 1) Design, implement, fine-tune ML/DL/Computer Vision Algorithm for various types of application data and business cases, which includes facial and people sensing technology, object detection, classification and segmentation.
- 2) Assist in the migration, optimization, maintenance and testing of algorithm modules for real applications
- 3) Work closely with other scientists and engineers to drive systems from prototyping to production level
- 4) Involve in the submission of papers, taking part in research conferences and competitions.

The Senior AI Scientist will in addition to the above functions, lead a team of AI scientists to design the algorithm, implement, customize and fine-tune for application unto products, using Deep Learning, Computer Vision, facial and people sensing technology, object detection, classification and segmentation.

Job Requirements:

- 1) PhD/Master's/Bachelor's Degree in the area of Machine Learning/ Pattern Recognition, Computer Vision, Computer Science, or similar area.
- 2) Rich Experience and excellent skills in algorithm design and implementation and in the use of programming languages such as C/C++/Python/Java. Familiar with Pytorch/Caffe/Tensorflow/MXnet, and experience in the full development cycle from algorithm research to modelling, data preparation, test, evaluation and implementation in live environments.
- 3) Strong analytical and strategic thinking skills to handle both the big picture and crucial technical decisions
- 4) Strong ability to follow the latest technological developments and implement cutting-edge algorithms for business applications.
- 5) Good communication skills, proactive attitude and passionate about new technologies and ideas. Ability for UI design is also advantageous.
- 6) Priority will be given to those with paper publications and awards in international competitions for algorithms and ML/DL/computer vision research and development.

If this sounds like you and you are looking for a new and exciting challenge, apply today to: hr.sg@pensees.ai or evelyn.tan@pensees.ai.

Find out more about Pensees at www.pensees.ai and www.pensees.com