



<https://thetagit.com/careers/algorithm-developer/>

## #1308 Algorithm Developer

### Description

Description:

Algorithm development at Perceptron entails:

Creation of software libraries and interfaces for:

- Image processing including morphological operations standard to typical machine vision solutions
- Detection of structured elements and features in standard images
- 3D point cloud creation using laser triangulation and stereo techniques
- Calibration and creation of camera models for machine vision sensors
- Algorithm development for extracting 3D features from raw point clouds (structured and unstructured)
- Tessellation of point clouds using various techniques
- R&D of metrology algorithms, sensors, and technologies.

### Hiring organization

Talent Advantage Group

### Date posted

03/03/2021