

## Full Time Position in Computer Vision

**Availability:** From November 2016 and onwards

**Contact:** Nikhil Somani [nikhil.somani@tum-create.edu.sg](mailto:nikhil.somani@tum-create.edu.sg)

**Location:** TUM CREATE, Singapore

### Background

We have an open position in the area of computer vision. The target is to develop a traffic monitoring system that can classify and track vehicles on roads.

### Objective & tasks

The candidate will be responsible for designing and implementing computer vision algorithms in consultation with our team. The candidate will also be responsible for collecting the necessary data for classification tasks.

### Requirements

- Candidates should at least have a Bachelor's degree in Computer/Electrical Engineering or Computer Science or other relevant field.
- Relevant experience in 3D Computer Vision, and Image Processing
- Statistical analysis, State Estimation (Kalman Filters, Particle Filters) and Machine Learning (SVM, Decision Trees, Neural Networks).
- Familiarity with C/C++, Python, ROS, OpenCV, PCL, Linux
- Ability to work independently

### What we offer you

- An international and multidisciplinary working environment
- Opportunity to work on a research problem with practical applications

**Send your resume/CV to the contact person if interested**

**NOTE: Only shortlisted candidates will be contacted**

