

**Internship proposal for Master students**

**Traffic Light Recognition by image processing**

The objective of this internship is to research, develop and evaluate image processing algorithm to classify traffic lights in onboard vehicle vision-system. Thematic: semi-supervised/un-supervised learning, Deep Learning.

**Profile:** Master

**Competences:** C/C++, Image processing, Matlab and/or Python

**Internship duration:** 5 to 6 month starting from February/March 2017

**Location:** Continental Automotive France, 1 avenue Paul Ourliac 31036 Toulouse cedex, France

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