

**Research Intern at Honda Research Institute  
Mountain View, CA**



The Human Machine Interface Group at Honda Research Institute, USA is offering internships in computer vision, natural language processing, and computer human interaction in Spring and Summer 2015. Specifically, the internship projects are related to driver monitoring, situated language understanding, and human machine interface applied to advanced driver assistance systems.

**(Job number: P14INT-HMI)**

Potential project topics will include:

(1) Driver Monitoring:

Driver monitoring, computer vision, eye tracking signal processing, can-bus signal processing

(2) Situated Language Understanding:

Natural language understanding, situated dialog

(3) Humane machine interface:

Interactive driver assistance system, multi-modal information presentation, human centered design, human factor, head-up display, speech, haptic device

Requirements:

- PhD student in Computer Science, Electrical Engineering, Mathematics or a related field. Strong and broad knowledge in Computer Vision, Natural Language Processing, Signal Processing or Machine Learning.
- Strong problem solving skills.
- Excellent programming skills in C++, Matlab or Python.

Our internship program provides a dynamic environment that lets graduate students engage in cutting-edge industrial research. Our interns will work on exciting and novel projects and will be able to publish their results on top conferences and journals. We offer competitive salaries and interns are eligible for relocation stipends.

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To apply for these positions, please send your CV to  
interns@honda-ri.com

with the subject line clearly indicating the job number **P14INT-HMI**. Name your attachment as  
FirstName.LastName.UniversityName.cv.pdf.