



# Visteon®

*Shift your career into high gear*

**Requisition Number:** 13349

**Post Date:** July 12, 2017

**Title:** Internship/Thesis in the field of Advanced Driver Assistance Systems (ADAS)

**City:** Karlsruhe

**State:** Baden-Wuerttemberg

**Country:** Germany

**Description:** Internship/Thesis in the field of ADAS – Karlsruhe, Germany

### About Visteon

Visteon is a global technology company that designs, engineers and manufactures innovative cockpit electronics products and connected car solutions for most of the world's major vehicle manufacturers. Visteon is a leading provider of instrument clusters, head-up displays, information displays, infotainment, audio systems, telematics and SmartCore™ cockpit domain controllers. Visteon also supplies embedded multimedia and smartphone connectivity software solutions to the global automotive industry. Headquartered in Van Buren Township, Michigan, Visteon has approximately 10,000 employees at more than 40 facilities in 19 countries. Visteon had sales of \$3.16 billion in 2016. Learn more at [www.visteon.com](http://www.visteon.com).

Visteon is an equal opportunity employer committed to a culturally diverse workforce.

### Our Vision

A top-three cockpit electronics player delivering a rich, connected cockpit experience for every car from luxury to entry

## INTERNSHIP/THESIS IN THE FIELD OF ADAS – KARLSRUHE, GERMANY

### Typical Duties

- In the development process of advanced driver assistance algorithm there are mainly three steps in the loop: software development, simulation and integration into the final test environment. You will participate in integration and testing of the software on ADAS test vehicles.
- Participate in the development of software nodes for sensors and the direct interface to the platform
- Support the team in the development process and implement the software into the embedded car computer
- Help monitoring the quality of the algorithm, rate performance and analyze errors

### Desired Competencies/Experience

- Studies in engineering science
- Good analytic skills

- Experience with CAN
- Experience with ROS
- Good C/C++ knowhow
- Experience in scripting languages (e.g. Python) and Matlab/Simulink is an advantage
- Driving license category B
- Self-motivated with ability to take initiative
- Good communication skills in English; communication skills in German is a benefit.

### **Your Benefits**

- Challenging and fascinating projects in a dynamic team
- Innovative environment in the automotive sector
- Flexible working times, core working hours and working time account
- Attractive student salary with the possibility of permanent employment after successful graduation

### **Apply for this Position**

If you are interested in applying for this position, send your resume to [apply@visteon.com](mailto:apply@visteon.com), and include the requisition number in the subject of your email.