



Visteon®

Shift your career into high gear

Requisition Number: 13348

Post Date: July 12, 2017

Title: Internship/Thesis in the field of Advances 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.

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

- Before testing driver assistance algorithms in a car, they have to be validated in various simulations. Your task will be to extend and modify an existing virtual environment to allow various ADAS teams to test their algorithm before bringing them on the road.
- For better simulation results, you will help to develop detailed vehicle and sensor models and improve them with data from real world experiments.
- You will work with real hardware – connecting the simulation with an on-board computer and letting them operate in a loop.

Requirements

- Technical academic studies in computer engineering, system engineering, control engineering, mechanical engineering or similar field
- Good C/C++ knowhow

- Experience with robot operating system (ROS)
- Experience in scripting languages (e.g. Python) and Matlab/Simulink
- Self-motivated with the ability to take initiative
- Good communication skills in English; ability to communicate in German is a benefit.

Your Benefits

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

Apply for this Position

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