



Visteon®

Shift your career into high gear

Requisition Number: 10001

Post Date: July 14, 2017

Title: Internship/Thesis in the Field of Head-up-Displays (HUDs)/Optics

City: Karlsruhe

State: Baden-Wuerttemberg

Country: Germany

Description: Internship/Thesis in the Field of Head-up-Displays/Optics – 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 IN THE FIELD OF HEAD-UP-DISPLAYS/OPTICS – KARLSRUHE, GERMANY

Typical Duties

- Optical design and analysis of influence of the surrounding light on the imaging quality
- Extension of the existing simulation tools by the straylight simulations
- Link to measurements and contribution to improvement of measurement methods for HUDs

Requirements

- Specialization in at least one of these fields: technical optics, optical design, displays, optical metrology, lasers
- At a minimum, basic knowledge of geometrical optics
- Programming skills (C, C++, Visual Basic)
- Ideally knowledge of Rhinoceros software
- Ideally first experience in the optical design and tools (e.g. Zemax, ASAP, FRED)
- Very good English and German skills
- Reliable and confident style of work
- Creativity and team spirit

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.