



Visteon®

Shift your career into high gear

Requisition Number: 10006

Post Date: March 12, 2018

Title: Internship in the field of laser holographic display (m/f)

City: Karlsruhe

State: Baden-Württemberg

Country: Germany

Description: Internship in the field of laser holographic display (m/f) - Karlsruhe

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, SmartCore™ cockpit domain controllers, vehicle connectivity and the DriveCore™ autonomous driving platform. 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 18 countries. Visteon had sales of \$3.15 billion in 2017. 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 LASER HOLOGRAPHIC DISPLAY (M/F) - KARLSRUHE

Typical Duties

- Support human machine interaction (HMI) team on laser holographic display
- Calibrate a liquid crystal on silicon display for light modulation
- Implement display algorithm using Fourier transform
- Build demonstration setup in laser/optics lab
- Generate technical documents and reports for internal distribution
- Work in a multicultural environment

Desired Competencies/Experience

- Technical academic studies in laser, optics, electronics, sensors or related field
- Knowledge about diffraction and Fourier transform
- Experimental skills with lasers, cameras and optics

- Programming skill in C++/Matlab/FPGA is a plus
- Self-motivated, take initiative
- Familiar with Microsoft Office (Word, PowerPoint)
- Good communication skills in English; 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 and the possibility of acquisition into a 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, and include the requisition number 10006 in the subject of your email.