

Vision Technology & Image Quality Engineer

Valeo – Troy, MI

Mission:

The mission of Valeo's Vision Systems Product Line is to be the World Leader for Vision Systems within the automotive industry by developing innovative cameras systems and providing situational awareness solutions using cutting edge technology.

Responsibilities:

- Calibrate camera systems for optimum image quality
- Evaluate imaging devices and perform technology watch
- Provide support for RFQ activities including detailed customer requirements reviews
- Develop relationships with the relevant teams at our OEM customers in order to respond to their needs in term of image quality and calibrations
- Carry out vehicle level system tuning & parameterisation to ensure optimum system performance is achieved for all target vehicles
- Write vehicle/system level validation test plans for all phases of the projects (in relation to image quality)
- Carry out system tests as per the plans where required
- Take part in customer workshops to assess system performance and agree, plan & implement resolution paths for customer vehicle complaints
- Carry out component, product, application and vehicle level benchmarking activities and report findings
- Keep up to date with new standards, products and general market information in the Imaging industry
- Work innovatively and creatively within the group with a particular focus on protecting innovation and IP through the patent process

Qualifications:

- Bachelor Degree in Software Engineering, Computer Science, Physics, Electronic Engineering or equivalent
- Minimum of 3 years relevant experience in imaging systems
- Excellent communication skills, both written and verbal
- Experience in Imaging & Optics an advantage
- Familiarity with automotive OEMs procedures and documentation an advantage
- Software experience an advantage