System Engineer Camera

Ihre Aufgaben

1-development and realization of camera an ultrasonics products in the camera and ultrasonics systems engineering department

2-use of development processes&methods based on ADAS process map, ASPICE and ISO26262 within camera development projects (e.g. in regards to requirements engineering&management)

- execution of stakeholder requirement analysis and coordination of related in-depth analysis in respective development domans like HW
- choice and definition of products to answer customer requests (RFI/RFQ) based on req. specificiations
- creation, maintenance and/or coordination of system/product documents
- alignment with (sensor) system organizations in regards to the overall L1 architecture with the aim to derive (L2) product requirements

- creation and/or analysis of architectural concepts and derivation of design requirements for a respective product
- creation and maintenance of requirements within respective req. mgmt. tools like DOORS
- creation and maintenace of product architectures within a respective design tool like Rhapsody
- execution of alignment&reviews for requirement and architecture documents with all related development domains
- moderation and/or participation of system gate reviews

- execution of patent/right2use analysis
- analysis of competitor technologies and/or products
- market/stakeholder requirement analysis
- creation of documents as knowledge base in the area of camera sensors and systems

3-support of L1&L2 system definition(s) and design in regards to:
- error handling and safety concepts incl. related architectural elements
- creation of risk&hazard analysis compliant to ISO26262 and specification of derived safety goals and requirements
- support for bring-up of new products
- support in creation of product documentation

Ihr Profil

1-Education/ certification- university degree in electrical or mechanical engineering, physics, mathematics, mechatronics or similar

2-Professional experience- development of embedded systems for automotive environments (beneficial: camera products)
- use of tools for requirement management and architectural design

Job ID
REF81870J

Standort
Jia Ding Qu

Leadership Level
Leading Self

Rechtliche Einheit
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3-Intercultural/ international- interaction with international suppliers and/or OEM customers
- co-work in international and intercultural environment

Unser Angebot

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Über uns

Aumovio Autonomous Mobility (Shanghai) Co., Ltd.