



Staff Engineer Field Application Engineering

Job description

Understand and analyze the requirements of customer application imposed on the 3D imaging subsystem

In your new role you will:

- Understand and analyze the requirements of customer application imposed on the 3D imaging subsystem
- Understand the system architecture of target system and the interaction of its components
- Provide basic SW (Python, C or C++) support for system integration of Infineon imager
 - Support, test and partially integrate driver on the host side
 - Support, understand existing camera module firmware
 - Provide consulting on imager attachment options: interface, driver concept
- Establish and proactively maintain a good contact to customer development team
- Track and report customer project status
- Provide first level technical support to customer enquiries
- Organize and document technical meetings/telecons with customer and HQ AE and other required experts (pmd and Infineon)
- Support customer in measurement and debugging activities
- Keep contact with pmd and Infineon AE organization and feedback gained system knowledge back to AE
- Participate in local Distribution-FAE and IFAP FAE/SAE trainings
- You provide Infineon technical HW+SW product demonstrations to customers at their premises and fairs
- You cooperate closely with regional and HQ marketing are aware of the commercial aspects of each customer project (schedule, volumes, revenues, OEM).

Profile

You are best equipped for this task if you have:

- Experience with ToF camera system more than 1 year
- Experience with CMOS technology more than 5 years
- Experience with low-level driver communication (e.g. I2C, SPI, UVC, CSI-2) more than 5 years
- Basic programming skills in Python, C, C++
- Experience with various ISP, Android platforms will be even better
- Good communication skills (negotiation, conflict management)
- Presentation skills (incl. PowerPoint design)
- Recent relevant industry experience is required
- Proactive interest in system architectures, especially imaging systems, system performance analysis & optimization
- Optionally: Imaging applications (2D, 3D), CUDA, OpenCV and other image processing libraries

At a glance

Location: **Shanghai, (China)**
Job ID: **335887**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **335887**
www.infineon.com/jobs



Benefits

- **Shanghai,** : Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Medical coverage; On-site social counselling and works doctor, in Wuxi only.; Provision of health tips, health knowledge sharing, annual medical check; Employees in Shanghai are entitled to use a gym located close to the office for free; On-site canteen, in Wuxi only.; Private insurance offers in some sites.; Wage payment in case of sick leave; Corporate pension benefits in some sites.

Why Us

Part of your life. Part of tomorrow.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

