



## Senior Staff Application Engineer-3D Imaging Hardware

### Job description

Our design team in Graz (Austria) develops high performance 3D imaging products for different machine vision applications in consumer and industrial markets. The system & application engineering teams provide the application-related next generation product requirements, develops product evaluation and demonstration kits including user documentation and supports our customers for any kind of technical questions.

#### In your new role you will:

- **Design electronic circuit- and PCB hardware**
- Characterize **TOF sensor with high-end equipment**
- Be responsible for **technical documentation**
- Closely **interact with our field application engineers** (customizations, technical customer support, design reviews, )
- Have **technical meetings with customers** to discuss new requirements and to provide customized solutions

### Profile

#### You are best equipped for this task if you have:

- A **Master's Degree** in **Electrical Engineering, Mechatronics or Informatics** (University / University of applied sciences)
- **3+ years of experience in hardware design** (incl. PCB design)
- Knowledge & experience in **optical and electronic measurements**
- Experience in **Python scripting**
- Knowledge in **embedded system design** and **microcontroller** interfaces (I2C, SPI, UART etc.)
- Experience in **microcontroller programming**
- Experience in **imaging hardware design advantageous** (e.g. hardware design for 2D cams)
- Strong desire to take a deep dive in the 3D optoelectronic topics
- Soldering capabilities
- Knowledge in **laser safety** advantageous
- **Willingness to travel**
- **Fluent English** skills, **fluent Chinese** skills

### At a glance

Location: **Shanghai,**  
Job ID: **308596**  
Start date: **Dec 01, 2020**  
Entry level: **3-5 years**  
Type: **Full time**  
Contract: **Permanent**

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