

Heptagon (now AMS Optical Sensor Solutions Division) provides industry leadership in sensing technology (proximity, time of flight, illumination, flash, structured light and imaging) that results from a unique combination of wafer-level integration, pragmatic innovation, total supply chain control, a culture of integrity, and a 20+ year track record of delivering breakthrough technologies to leading OEMs.

Heptagon's research and development teams are located in Zurich, Switzerland, working in tight cooperation with ams teams located in Graz, Austria; development and manufacturing are in Singapore and Shenzhen, China; and business development and sales offices are located in Santa Clara, CA.

We are in the process of expanding our Time-of-Flight Development team located in Zurich (Rüschlikon), Switzerland and looking for qualified candidates for a

Imaging Characterization Engineer (m/f)

Responsibilities:

- Design characterization setup (hardware and software) for automated data acquisition and instrument control that enable fast and thorough characterization
- Develop novel and unique characterization systems for optoelectronic modules.
- Perform detailed characterization of time-of-flight sensors and camera modules.
- Collecting and analyzing measurement data including mass production test data.
- Provide comprehensive documentation of device performance, characterization results, systems and methodologies.
- Play a key role in defining enhancements for next-generation characterization products.

Requirements:

Candidates must have more than 3 years of hands-on experience on testing / characterization with strong software background.

- Strong programming and data analysis skills with ability to prototype hardware/software systems.
- Experience in lab control, instrumentation and automatization.
- Strong knowledge of MATLAB, python (C, Labview is a plus).
- Database programming SQL.
- Experience on characterization of optoelectronic devices.
- Knowledge statistical analysis tools (JMP) is a plus.
- Experience with motor control is a plus.
- Innovative attitude and self-motivate.

As a member of our team, the candidate will have a wide and varying set of responsibilities as our organization grows and evolves. These may include:

- Liaising with clients, suppliers and external partners.
- Work with cross-functional team on device characterization, qualification and mass production.
- Contributing to the ongoing creation of a positive, productive work environment

If you are interested in an international, easy-going and flexible environment, please send your complete application documents to hptg_careers@ams.com (Ms. Michèle Senn) at our HR department.

Note: Heptagon does not accept agency resumes and will not be responsible for any fees related to unsolicited resumes.