We are hiring.

We are **pmd**, the world's leading supplier of 3D image sensor technologies based on the Time-of-Flight principle. Our customers from the consumer, automotive, industrial automation, robotics and medical technology industries trust our reliable reference designs and powerful image sensors for 3D distance measurements. Our technology is integrated into smartphones, VR/AR headsets, robots, and smart home devices.

More than 300 worldwide patents in this field, numerous awards and agile, dynamic product teams characterize our strong and innovative focus. We belong to the internationally operating ifm group with more than 7.000 employees.

Can you imagine? Then join us and become a part of our team.

Engineer (m/f/d) for Algorithm Development for 3D Cameras

in Shanghai, China

Your tasks:

You will work in an interdisciplinary project team with other engineers and physicists on the development of innovative 3D camera modules for integration into smartphones. After an extensive training phase at our headquarter in Siegen, Germany, you will independently develop algorithms and filters to improve 3D data and characterize innovative system configurations as well as novel measurement principles. You will translate customer requirements into system requirements and thus help to define and implement the necessary algorithm roadmap. You verify the results using predefined metrics and with tests on real 3D camera systems. Thanks to your good communication skills, you will always keep in touch with your colleagues and with customers, thus ensuring successful system development. Your responsibilities also include the support of on-site activities for customers.

Your profile:

- Mathematician, computer science engineer, physicist or similar
- At least 5 years of professional experience or a college degree
- Profound programming knowledge (Python, C/C++, OpenCV) and experience in algorithm development
- Experience in camera characterization and/or image processing
- Experience in the fields of time-of-flight, 3D imaging or computational imaging is an advantage
- Confidence when dealing with customers
- Fluent in spoken and written English
- German language skills are an advantage
- Customer orientation and willingness to travel

Your advantages:

- Innovative work environment
- Varied and broad range of tasks
- Attractive salary with variable components
- Most modern tools and work place
- Being part of a dynamic and highly motivated team
- Flexible working time
- Regular trainings

can you imagine? We're looking forward to meet you.

Please send your application documents via: pmd-jobs.com

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