



Digital Endoscopy GmbH is known as the German research and innovation centre for PENTAX Medical, daughter of HOYA Corporation. Our highly qualified team members are working on concepts of innovative technologies and their implementation in the sector of medical product ranges. The emphasis lies on developing Endoscopes based on the latest CMSO-camera technologies.

You are just one step away from being a part of our highly motivated and qualified team!

We are looking for the next possible date a

Software Engineer (m/f/d)

Your Tasks

- Development and verification of software applications (according to IEC 62304 standard) for medical devices.
- Creation of technical and quality relevant documentation complying with the MDD/MDR and 510k regulations.
- Conceptual setup and implementation of software for embedded systems and GPUs.
- Launching embedded hardware (SoCs, Microcontroller)
- Maintenance and development of OS images for embedded systems (Yocto/embedded Linux)
- Maintenance and development of software toolchains and connected workflows

Your Profile

Must have:

- Academic qualification as a software developer and/or equivalent work experience
- Good knowledge of C, modern C++
- Knowledge of Python and Bash
- Experienced Knowledge in Linux
- Advanced English skills
- At least some experience with image processing algorithms
- Save handling of diagnostic programs (Debugger)
- Team player
- Structured and analytical working method

Nice to have:

- GPU programming skills (Vulkan, OpenGL), VHDL programming
- Experience with Deep Learning frameworks (e.g. Tensorflow)
- Experience with Yocto/Petalinux
- Knowledge of the relevant standards for software development for medical devices (IEC 62304)

We offer

- Be part of an innovative and creative Team
- Flat hierarchies, quick decision processes and an international environment
- Profit from independent and challenging tasks
- We offer an attraction compensation system and permanent employment with flexible working hours

Please send us your application and you might be the next member of our team and you will be part of developing life-saving and innovative concepts of future technologies in the area digital endoscopy.

Digital Endoscopy GmbH
Hoya Corporation - Pentax Medical
z. Hd. Frau Marie-Luise Franz
E-Mail: bewerbung@digitalendoscopy.de

Paul-Lenz-Str. 5
86316 Friedberg (Bayern)
www.digitalendoscopy.com