

Since its foundation in 1990, VisiCon Automatisierungstechnik GmbH has developed into a world market leader for automatic headlight adjustment systems.

VisiCon develops, produces and sells plants and components for the adjustment of headlights and chassis in the automobile production and the automotive supplier industry.



To strengthen our internationally operating team, we are looking for a

SOFTWARE DEVELOPER EMBEDDED SYSTEMS (M/F/O)

WHAT YOU CAN EXPECT: CHANCES AND PERSPECTIVES

- Development of embedded systems within the framework of hardware-/software co-designs and their supervision in the range of automotive measurement technology, control engineering and automation technology
- Development of hardware related control and data acquisition software for microprocessors and application specific FPGA designs
- Participation in the evaluation of new methods and technologies
- Specification and implementation of interfaces to soft- and hardware in cooperation with development colleagues
- Support of the development team in the embedded software development and/or hardware development
- Use of common design tools and measurement technology
- Creation of documentation accompanying the development process
- Supervision of the firmware from design to commissioning

WHAT WE EXPECT FROM YOU: PERSONALITY AND COMMITMENT

- University degree in electrical engineering, (technical) informatics, communications engineering, physics, engineering science or a similar qualification
- Experience in using and developing hardware related software for SoCs and FPGAs, especially ARM/Xilinx with C/C++
- Experience with Embedded Linux (Petalinux / Yocto) and ARM architecture
- Ideally you have:
 - First experience in the Kernel driver development under Linux (also interaction Userspace/Kernel)
 - Experience with bus systems, especially I2C, SPI and Ethernet
 - Knowledge in the field of digital video interfaces and image processing are advantageous, but not necessary
 - Knowledge in the secure handling of Eclipse and git

- Interest in new technologies, trends and recent developments around FPGAs, microcontroller and hardware
- Good knowledge of German and English (written and spoken)

YOUR PERSONAL CHARACTERISTICS

- You have an independent, self-reliant, structured and goal-oriented way of working
- You have a sound understanding of systems and analytical skills
- You are pragmatic, flexible, solution-oriented and you can excite and commit yourself to new things
- Ability to work in a team and willingness to communicate characterizes you

WHAT WE OFFER

- Exciting and varied projects in a highly innovative environment
- Individual training and challenging tasks with many creative possibilities
- Friendly, helpful and team-oriented working atmosphere with an open conversation culture and a familiar corporate environment
- Flat hierarchies and short decision paths
- Personal development opportunities through various job-related training measures and regular exchange with colleagues
- Appealing central location in Germany, next to the vivid university city Göttingen

TECH-STACK

- Xilinx Zynq and Artix family, ARM Cortex-A9, Cortex-M3, Microblaze
- Embedded Linux (Petalinux, Yocto)
- Eclipse, Sigasi, git

Sounds like your future? Be part of the team and send us your meaningful application documents including salary expectations and earliest entrance date via E-Mail to:

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Severely disabled persons are given preferential employment if they are equally qualified. VisiCon promotes equality between women and men in the workplace.

Data protection for your application data: We expressly point out that we process personal data in connection with application procedures. For more details see our data protection policy which you can retrieve from <https://www.visicon.eu/data-protection-policy/?L=0> at any time. By submitting your application in response to this job advertisement, you expressly agree that VisiCon Automatisierungstechnik GmbH gathers, saves, processes and uses the data for the purpose of processing your application and that you accept our data protection policy.