

**JOB****OFFER****Software DEVELOPER /  
smart Cameras**

Company: **HYDAC ELECTRONIC, s.r.o.**

Place of work: Tvrdošín

Department: R&D

Start date: January 2023

**Job description, responsibilities and duties:**

- Development of software for microcontrollers and embedded Linux systems on ARM® microprocessors
- Development and maintenance of firmware, host software and production tools for products of the viewing/smart camera product lines
- Definition and implementation of the software architecture
- Software-side evaluation of camera hardware solutions and determination of the optimal solution based on project requirements
- Responsibility for the management of sub-projects
- Series implementation up to LifeCycle Management
- Evaluation, commissioning and evaluation of new sensors, SoC and microcontrollers
- Collaboration within the team as well as with stakeholders and customers in an agile project culture

**Required Knowledge/Skills, Education, and Experience:**

- University education in the field of computer science, business informatics or a comparable course of study
- Several years of experience in programming embedded systems and applications under (Yocto) Linux, ideally with C/ C++
- Knowledge of other object-oriented high-level languages, e.g. C# or Python is an advantage
- Good knowledge of modern development tools
- Experience with interfaces and protocols such as Ethernet, MIPI or CAN is an advantage
- Knowledge in the evaluation of image quality as well as in the tuning of image processors is an advantage
- Experience with current algorithms of image pre-processing and image processing (computer vision, machine learning), ideally also in the implementation of these algorithms in embedded systems with limited computing power is an advantage
- Fluent in German or English

**How to apply:**

Please, send your application / CV in English onto E-Mail: [jana.kapalastefancova@hydac.com](mailto:jana.kapalastefancova@hydac.com)

Tel.: +421 908 356 724

**JOB****OFFER****We offer:**

- Competitive salary package per agreement
- 13.<sup>th</sup> + 14.<sup>th</sup> Salary
- Flexible working time
- Training & Development opportunities
- Language courses
- Employee's contribution to pension saving system
- Stable international working environment

**Salary:**

- Pay range: from 1 500 € per month; depending on the experience and skills of the candidate

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Human resources, 12.09.2022