

EMBEDDED SW-DEVELOPERS AUTOMATION (publication date 20-jan-2021)

Deltaray is a young and ambitious Deep Tech start-up. Our goal is to become a world leader in Xray based-, fully automated-, zero-defect quality inspection on the production floor. Our AI based Accelerated 3D Xray inspection technology is > 100 faster than any alternative offered by today's inspection-equipment market. With an industry4.0 compliant approach to quality inspection, Deltaray opens a completely new product-segment serving the inspection needs of high growth markets such as automotive, medical devices and pharma.

We are looking to grow our team with a an embedded SW developer in the field of automation. Candidates should be highly motivated and self-propelled individuals, with a proven track-record for development of high-tech embedded systems. We expect all our team members to combine technical excellence with a creative and collaborative mindset. Working as a team, with a goal oriented-, and quality mindset and is key for our short and long-term success.

As an embedded automation SW developer you shall be working with the system SW domain experts and the system architect to design and develop not only the control software for machine automation parts, but also create the models and interfaces abstracting the vendor specifics of the automation parts allowing them to be remotely operated and synchronised with other software components. You shall be able to use the design and validation environment to demonstrate the correctness and reliabilty in a real-time environment.

Required Technical Skills (proven experience in at least 3 domains)

- embedded system SW-development languages & configuration mgmt (PLC, C, C++ ...)
- automation code integration with modular testing + validation methods,
- hardware device interfacing (PLC, HMI, actuators, sensors, ...)
- real-time controllers and systems (CAN, ethercat, ...)
- device calibration and tuning
- familiar with vendor specific automation solutions (Beckhoff, Siemens, Omron,...)

Required soft skills

- English language (written and spoken)
- industrialisation mindset
- goal driven to achieve results as contributor in a strong team
- quick learner, creative and open minded

Considered as plus

- experience with device abstract device interface standards (OPC-UA, epics,)
- experience with robotics and motion control optimisation
- experience with real-time moving object data capture

What we offer

- high-tech start-up with strong international growth ambition
- fast-growing team in a multicultural & multidisciplinary work environment
- exciting work location (Corda Campus – Hasselt)
- competitive salary including mobility and insurance package
- result-based engagement reward policy
- joining a winning team

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