

Position : Embedded Software Developer C++

Location : Heerlen, NL

About Phenospex

Our work contributes to a world in which agriculture is done more efficiently and reduces the impact of food production on our planet. We develop and provide sensor technologies and analytics software specifically designed to assess crops worldwide. We help to automate the hardest jobs in plant science, plant breeding and in agriculture by offering solid and elegant solutions. We are an international team of around 20 people, coming from diverse backgrounds in, for example, plant science, agriculture, physics, computer vision and business and we love to solve challenging problems.

Working as an Embedded Software Developer at Phenospex

You play a key role in our R & D team and will design, develop, modify, adapt and debug the embedded software (Linux based). The software will then be tested and implemented into our devices. This includes the review of user requirements and proposing technical concepts. You will work with a high degree of responsibility for the timely implementation of single tasks and short term projects with our team of Developers, Testers, Machine Learning, Automation and Robotics specialists.

Responsibilities:

- You provide embedded software development services, typically in a defined project.
- You develop program logic for new applications or analyze and modify logic in existing applications.
- You code, test, debug, document and implement embedded software applications.
- You troubleshoot, debug and upgrade existing software.
- You gather and evaluate feedback when in contact with clients.
- You analyze requirements, test and integrate application components.
- You recommend and execute system and process improvements.
- You create technical documentation for reference and reporting purposes.

Qualifications:

- Bachelor or Master in Computer Science, Software Engineering, Electrical Engineering or a related field
- at least 1-3 years proven experience as an Embedded Software Developer, Software Engineer or a similar role
- excellent C / C++ programming skills and good Linux skills
- experience with device drivers, PCB design software (Eagle, Altium Designer) VHDL and microcontrollers and knowledge of Bash and R would be an asset
- ability to learn new programming languages and technologies
- excellent verbal and written English communication skills
- attention to detail and problem-solving skills as well as flexibility

Phenospex offers you an inspiring working environment with an engaged, committed, multi-cultural team and lots of room for personal development.

Interested in joining?

Then please send your CV with “**Embedded Software Developer**” in the subject line and brief explanation why your interests and background match this position.