



SpexAI®

# Embedded Software Engineer C++ (f/m/x)

## Your mission

- Take control of our spectral sensor and custom automation projects.
- Design and implement the software to control a spectral sensor, including existing embedded systems (Intel® RealSense™ + FLIR camera systems).
- Help to integrate the sensor into custom automation solutions and drive the development of the embedded components to improve imaging speed and capabilities.
- Perform first pre-processing steps on the sensor to reduce bandwidth requirement and fully utilize the onboard computing powers.
- Bridge the gap from the sensor to S3 buckets.
- Travel the world to help us set-up the system and make simplified plant production a reality.

## Your skills

- | Proven work experience in Software Engineering
- | Experience in hands-on development and troubleshooting on hardware systems
- | Solid programming experience in C or C++
- | Love for Ubuntu and scripts
- | Git and documenting the code comes naturally
- | Joy in improving hardware systems
- | Hunting down and exterminating errors
- | A plus are experiences with Intel Realsense and Flir cameras, CAN protocol and/or embedded software
- | Experience with OpenCV and Sensor Fusion is a huge bonus

## Your benefits

Simplifying plant production – in Cannabis and beyond.

Shaping and growing a young company – together.

Working in an open, honest, and thriving environment.

Remote and onsite work with trust-based and flexible working hours.

## Apply today

[work@spexai.com](mailto:work@spexai.com)