looking 4 U!

#EMBEDDED SOFTWARE ENGINEER (M/F/D) – ROBOTICS

Ant Robotics emerged from a mission to develop affordable and accessible robots to address basic human needs, in tough and unforgiving environments and in a sustainable manner.

We develop mobile robotic platforms, software and connectivity solutions as the basis for autonomous systems in the areas of agriculture, rescue, transportation, inspection and other heavy-duty applications.

Our robotic platform can help farmers by running autonomously along crop rows, helping to plant seedlings, detect and remove weeds, target spray crops for pests, inspect the soil and fertilize the ground. During the picking season crates can be transported and conveyed to waiting trucks to bring produce to market.

Right now, we are working with farmers and pilot customers in Germany and Switzerland to bring the platform to market. We are building an open source knowledge base and industrial platform for others to build on our experiences and create a common industrial standard for agricultural and other heavy duty robots.

#ROLE

We require your support as a core member of the team to bring our robotic drive platform to the next level. You are responsible for the enhanced development of the low-level robotic drive and communications platform. You will join a team with which you plan, develop and implement new backend components. Become an important part of a successful, growing start-up company where you can fulfill yourself.

#QUALIFICATIONS

- Bachelor or Master's degree in Computer Science, Embedded Software Engineering, Mechatronics or related field
- Professional experience of at least 2 years in writing and reviewing source code (C++/Python/C), as well as developing algorithms and data structures
- Experience in the area of embedded operating systems like Embedded Linux/FreeRTOS
- Communication protocols knowledge (CAN, TCP/IP...)
- Experience working at a very low level with a solid understanding of the interfaces and hardware subsystems (microcontroller architectures, electronics schematics)
- Strong practical experience with programming languages C++, embedded C, Python and software development methods
- Practical experience with ROS, ideally gained through the industrialization and commercialization as well as deployment of robotic solutions
- Any experience in machine learning, neural networks and software development for parallel computing is an advantage
- Outstanding communication skills
- Strong command of English (spoken and written), German is optional

#APPLICATION

Imagine a world in which organic farming is affordable for all, heavy manual labor is alleviated in developed and emerging nations and people can be protected from the fallout of natural disasters. That is what ANT ROBOTICS stands for. You do too? Then we look forward to receiving your application (also without cover letter) with your salary expectations and possible starting date.

Contact us now at **info@antrobotics.de**. We look forward to getting to know you!

ANT ROBOTICS