
Developer Engineer (m/f/x) for Electronic Hardware in Robotics Startup

Nibotics[®] is a highly innovative start-up technology company focused on unique solutions through the application of Robotics and Artificial Intelligence (AI) technologies. Our Mission is to implement revolutionary robotic gripping systems for manipulation tasks applied to automation processes in the industry 4.0.

About the position role

We're looking for an Electronic Engineer for the development of electronic hardware. The project thesis will be supported in cooperation with Nibotics start-up company. You'll be responsible for the electronic integration in a humanoid robotic hand prototype.

Your responsibilities include

You'll make electronic concepting, design, development & assembly of electronic components into the PCB to ensure optimum electronic hardware performance of the Humanoid Robotic Hand Gripper Product.



Tasks

- Design, implementation and testing of microcontroller firmware of sensor/driver PCB board for Servo Hand.
- Development of firmware for control of Robotic Servo Hand in Microcontroller platform.

What we expect from you

- Studies in Electronics/Electrical Engineering, Robotics, Mechatronics, Computer Science or comparable qualification.
- Successful experience of building robotic/autonomous systems from the ground up and comfortable starting from a blank sheet of paper.
- Understanding of analog & digital circuits (DC motor control, op-amps, switching regulators, gate drivers, microcontrollers, PWM, SPI, I2C, etc.).
- Practical software engineering experience with C++, Python and ROS would be a plus.
- Competent in PCB CAD software (Eagle/Fusion 360, Altium, KiCad or similar).
- Fluency in English. German or Spanish languages would be a plus.
- Motivation to work in team and contribute to work and help.
- Autonomous working habits.

What we offer you

- Part-time or full-time job with competitive payment.
- Flexible home office work time.

Have we sparked your interest? Contact us!

Please send me an email to contact@nibotics.de including:

- CV resume.
- Short statement of motivation and the topics you are interested in.