



IREROBOT

Research & Development Engineer

JOB DESCRIPTION

We are looking to recruit a talented and creative **R&D engineer with programming skills** to work on a project involving the development of innovative products. You will be part of a dynamic start-up which focuses on projects that have positive human, social and environmental impact. You will become a member of the core team that will work on establishing sustainable growth and effective product development and commercialization. Throughout the projects you will have the opportunity to follow the evolution of a product from the laboratory to the market and interact with potential users through tests and focus groups.

Responsibilities

- Create simulations of **control systems** in Matlab or Python
- Simulations of Human-Machine-Interaction in a simulation software (Matlab/Simulink/OpenSim).
- Prototype and implement algorithms to gather sensor data and to control actuators
- Develop software for microcontrollers. Implement and test the algorithms
- Develop algorithms to control actuators
- Participate in the management, reporting, dissemination and commercialization aspects of the project.

Required Experience and Skills

- Basic knowledge of control systems
- Programming skills are necessary
- Experience in embedded C/C++ programming is a big plus
- Some experience with control of Sensors & actuators using microcontroller is preferred (i.e., Arduino, Atmel, etc.)
- Experience in MATLAB or Python for scientific/mathematical problem solving is a plus
- Experience with simulation software is a big plus (Matlab/Simulink/OpenSim)
- Ability to accurately estimate tasks and work to schedule, able to manage your own tasks
- Ability to take initiative and work outside your comfort zone
- Good writing, communication, organisation, and teamwork skills.

Education: BSc/MSc in Computer Science/Computer/Electrical/Control/Mechanical engineering or a relevant field.

Benefits: A competitive salary will be offered based on experience and level of education.

About Irerobot ltd

In a constantly evolving world with increasing dependence on technological innovation and progress, we aim to establish significant presence in the EU R&D ecosystem. We focus on the development of state-of-the-art solutions in the areas of robotics and human-machine interaction. Throughout our projects we remain committed to focus on meaning rather than profit and create technology that makes the world a better place. Irerobot is an equal opportunity employer (<https://eur-lex.europa.eu/eli/dir/2000/78/oj>).

Apply

The position is open until filled. Submit a CV and a personal statement to the following email address: recruitment@irerobot.com. For more information: evagoras.xydas@irerobot.com