



IREROBOT

Research & Development Engineer (Haptics & Touch)

JOB DESCRIPTION

We are looking to recruit a talented and creative engineer to work on a promising and recently funded project that aims to create a unique interface for communication using the sense of touch. The project will start in spring 2021. 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 lead product development and commercialization. Throughout the project 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. Further, you will operate in a multidisciplinary environment with experts in rehabilitation robotics and user studies, electronics and signal processing. Also, you will have the chance to collaborate with our partners undertaking the dissemination, commercialization and business aspects of the project. **This is a fixed two-year contract with possibility to extend given funding availability.**

Responsibilities

- Design and implement tactile effects through actuated tactile interfaces
- Create control code using a variety of languages (MATLAB, C++, etc.)
- Design and implement signal processing and control tools
- Study, understand and apply touch and sound related research with focus on neuroscience
- Design and realize user studies and implement statistical tools
- Participate in the dissemination and commercialization aspects of the project through articles, conferences, meetings and presentations

Desired Experience and Skills

- Experience in product design and development (preferably haptics, robotics, cyber-physical systems and interfaces) and research experience including a publication record
- Programming skills
- Strong mathematical/engineering skills with focus on signal processing, systems & control
- Interested in designing and implementing test protocols with user participation
- Strong writing, communication, organisation, and teamwork skills
- Ability to take initiative and work outside your comfort zone.

Education: Graduate degree in mechanical engineering or related 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. Besides R&D, our activities include consulting for businesses and professional training. 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

Submit a CV and a personal statement, no later than **15th March 2021** to the following email address: recruitment@irerobot.com. For more information: evagoras.xydas@irerobot.com