



Deneb Medical (www.denebmedical.com) is a Donostia-San Sebastian-based start-up focused on the development of a unique surgical robot with a huge potential for market impact.

The company is backed by private venture capital funds, the European Commission and the Medtech Innovator organisation.

We are looking for a **Control and Automation Engineer** to develop the real-time control system, automation and safety logics for Deneb Medical's surgical robot.

This is an excellent opportunity for an experienced professional to put his/her talent, skills and experience to work in a young, high potential startup dedicated to improving people's lives.

The candidate will have a high degree of freedom to put their talents into practice while learning from experienced colleagues and joining a team currently composed of more than 15 people and with a strong network of external collaborations.

Requirements:

- Education: Higher Engineering or Degree and Master's Degree in Control and Automation, Electronics, Telecommunications, or similar.
- 5 years of experience developing real-time control systems in complex systems.
- Experience with PLC control and programming systems, preferably Beckhoff, alternatively similar systems such as B&R, SpeedGoat, or equivalent. Practical experience with Arduino, Raspberry or similar platforms will also be an asset.
- Advanced knowledge of Simulink preferably, or LabView or similar.
- Skills in electronics and associated hardware (data acquisition boards, impedance matching, actuators, power supplies, etc.).
- Handling of communication protocols and data exchange interfaces will be an asset.
- High level of English.
- Ability to communicate and work as part of a team.

We offer:

- Joining a leading technology startup that offers disruptive medical solutions.
- Possibilities for professional development
- Interesting financial conditions

If you are interested, please send us an email with your CV, academic transcript and cover letter to info@denebmedical.com.