Software Developer
NEWRO PROJECT

NEWRO is a neurorehabilitation therapy based on a hybrid brain-machine interface for slight to severe stroke patients. The brain and muscular activity of the patient is deciphered to control a robotic exoskeleton in real time.

Go to the project

Full-time

Donostia-San Sebastián

Hybrid

Main tasks

The successful applicant will be involved in the whole life cycle of the NEWRO SW.

Main duties:

• Designing SW architecture that includes a user interface for clinics, a control model for an exoskeleton, and a neural signal processing module.

• Developing and testing the SW with the exoskeleton and subsequently with healthy individuals.

• Checking the implementation of the SW as per the defined requirements and the ISO 62304 standard.

Profile

Degree in Computer Engineering or similar and 5 years' experience as SW developer with experience in:

• Python and CC++ programming and OS Windows and Linux

• Connected device systems: communication between devices, database, PyQt frame for graphic interface

• Creating testable code (automated functional, integration and unit tests)

• DevOps applications. Command of English and Spanish.

• The following will be considered an asset:

• Knowledge of ML/IA, FW and cybersecurity.

**Interested?
This way please**