

The Fundació Bosch i Gimpera was created in 1983 as a knowledge, technology and innovation transfer center of the University of Barcelona (UB). As its own means, it is in charge of innovation, promotion, valorization, transfer of results and management of contracts, agreements and projects of the UB and needs to incorporate:

## Research Assistant

### **Functions:**

The Universitat de Barcelona is seeking a Technical Research Assistant to join the "Portable electronic device controlled by an APP for in-situ measurement of the elasticity of wheat flour masses based on artificial intelligence" project. The project is funded by a [AGAUR-GENERALITAT DE CATALUNYA] grant and will investigate the development of a portable electronic device controlled by an APP to measure the elasticity of farine masses in different locations.

#### Responsibilities:

Conduct laboratory tests of pre-industrial prototypes of the device.

Collect and analyze experimental data.

Write reports and presentations.

Other duties as assigned (Assist with the design and development of the portable electronic device, etc)

### **Profile:**

First Stage Researcher /TECHNICAL

### **Competencies:**

University degree in a related field, such as Engineering (Electronics, mechatronics, robotics, etc.), chemist/Physics, or Computer Science.

Strong knowledge of electronics, robotics, mechatronics and similar.

Strong knowledge of statistics and data analysis.

Experience with programming in R and Python.

Experience in laboratory testing of prototypes is a plus.

Experience in robotics or similar is a plus.

### **We offer:**

- Permanent contract
- Weekly schedule: 20
- Gross monthly salary: 765 Euros

### **Reserve:**

Reserved for personnel with disabilities, in accordance with the provisions of Article 59 of the Legislative RD 5/2015, of October 30, passing the revised text of the Law of the Basic Statute of Public Employee.

## **Equality of opportunities:**

In accordance with the measures set forth in the Fundació Bosch i Gimpera Equality Plan, we incorporate the gender perspective in the selection process to guarantee equal opportunities, neutrality, transparency and avoid prejudice and discrimination based on gender.

## **Additional information:**

- Project Director: MONLEON GETINO, ANTONIO
- Project Number: 600410

Publication date : 27-05-2024

Publication end date : 31-08-2024