




### Company Description

Oxcitas is a fast-growing deep-tech start-up on a mission to serve up transformational therapeutic interventions for healthy ageing and long-term care. We are a multidisciplinary team of highly trained scientists with vast experience delivering technical solutions in areas ranging from artificial intelligence and machine learning, to applied mathematics, statistics and numerical simulation, as well as biology, bioinformatics, computational chemistry and pharmacology.

### Information

 Deadline: 2023-09-29  
 Category: Business  
 Province: Bizkaia

 Country: Basque Country  
 City: Bilbao

### Company

Oxcitas



### Main functions, requisites & benefits

#### Main functions

To develop carefully engineered machine learning projects using modern machine learning (ML), deep learning (DL), and generative modelling techniques and corresponding platforms. To develop the necessary algorithms and models to solve different real problems in digital health. To contribute ideas and provide creative input to machine learning projects in line with the company strategy. To harness the available data in order to provide new revenue opportunities.

#### Requisites

Master's or PhD Degree in Operations Research, Computer Science, Data Science, Statistics, Mathematics, or equivalent combination of education and industry experience. Track record of collaborating successfully with AI engineering teams to deliver effective machine learning models. Working knowledge of techniques used to tackle both unsupervised and supervised learning on different scenarios, including Deep Learning architectures, ensemble learning techniques, dimensionality reduction and imbalanced data methodologies, etc. Proficient use of Python, Keras/Pytorch, and Tensorflow. Good knowledge of scikit-learn, numpy, and high level mathematical libraries. Cloud computing experience using AWS and/or GCP. Use of containers with Docker, OS-level virtualization. Knowledge of AWS batch, EMR, PySpark would be a plus. Collaborative attitude and passion for developing new technologies. Willingness to learn new tools and flexibility to adapt to an evolving strategy. Ability to keep a track record of personal work and to communicate with an interdisciplinary team. Fluency in both oral and written communication in English is a must. Conversational level of Spanish would be preferred.

#### Benefits

The opportunity to learn about digital health. Being part of a team full of highly qualified young professionals/researchers. Professional growth and learning possibilities. Being a key contributor to Oxcitas AI-powered solutions and discovery platform.

