## Company Description

A leading knowledge transfer centre providing competitive value to companies.
IKERLAN is a Basque (https://www.basquecountry-tourism.com/) leading knowledge transfer technological centre providing competitive value to companies. We seek for excellence in R&D&i, thanks to the continuous adaptation to the needs of our customers and the proximity with the business reality. Faithful to our mission, we have been working daily since 1974 to develop solutions that allow our customers to become more and more competitive. We are a cooperative member of the MONDRAGON Corporation (https://www.mondragon-corporation.com/en/).
Thanks to a unique cooperation model, which combines technology transfer activities, internal research and training of highly qualified personnel, IKERLAN is currently the trusted technological partner of major companies in the country. To meet our goal, we are structured in three technological specialisation units: • ELECTRONICS, INFORMATION AND COMMUNICATION TECHNOLOGIES
• ENERGY AND POWER ELECTRONICS
• ADVANCED MANUFACTURING
IKERLAN is a centre that is dynamic and open to the world. We are an agent credited by the Basque Network of Science, technology and Innovation, and we have a major cooperation network integrated by renowned European

## Information

**Deadline:** 2019-11-17
**Category:** Business
**Province:** Gipuzkoa
**Country:** Basque Country
**City:** Arrasate

## Company

Ikerlan

## Main functions, requisites & benefits

### Main functions

Responsibilities: To design and develop analytical solutions in industrial environments. Ability to select the best technique or combination of techniques to be applied to solve problems in the industrial world, where advanced analytics (machine learning/statistics) is part of the solution. Implement reusable components, libraries and frameworks taking into account a development life cycle geared towards testing and validation. Plan and execute software component integration and validation programmes. Promote innovation and the integration of new technologies in projects. Collaborate and participate in multidisciplinary project groups. Develop innovative prototypes to demonstrate the team's capabilities, integrating technologies and knowledge acquired. Manage projects with clients, determining their needs and proposing specific solutions to their problems.

### Requisites

Education: Computer Engineering, Telecommunications Engineering or similar. Knowledge, specific education in statistics and data mining. Master's degree related to the subject matter. PhD in Computer Science. Good communication skills in English. Experience: Significant knowledge and skills in programming languages/advanced data analysis and learning libraries, such as R, Python (SciKit). Knowledge of SQL for analytical purposes. Knowledge of design and development of data processing systems (streaming, batch) in which volume and speed is a problem to be solved (technologies such as Kafka, Storm, Spark, etc.). Advanced knowledge of Java programming language and basic knowledge of Scala. Experience with Linux work environments (bash scripting, development tools, service management, etc.). Knowledge of PaaS digital platforms such as Kubernetes or Mesos in public clouds (Azure, Amazon). Familiarity with cloud platforms (AWS, Azure, Google). Ability to write quality code (legible, structured and documented) and apply optimal design patterns. Experience with version control systems (CVS, SVN, TFS, GIT). Experience in other programming languages such as Java/Python/Go would be an advantage. Knowledge of microservice-based architectures (Kubernetes, Spring Cloud) would be an asset. Knowledge of container-based architectures (Docker) is desirable. Continuous integration experience will be considered a plus: build and test automation, definition of metrics, acceptance tests, deployment automation, etc. Experience in unit testing, verification and validation shall be considered an asset. Experience in agile development methodologies (Scrum, Kanban, Agile) would be appreciated. Skills: Passionate about programming and technology in general. Commitment to quality. Teamwork skills and performance of support tasks in order to meet goals. Management of multidisciplinary projects. Decision-making and conflict management skills. Communication skills with customers and management. Problem solving and creative mind.

### Benefits

Our aim at Ikerlan is to create useful and valued solutions for our clients and for society. All this amid the best infrastructures and based on effort, dedication and passion for technology. We are looking for creative people who are capable of solving problems and who are passionate about technology. We do what ordinary companies don't do, that's why we need the best. What can we offer