Data Science Research technician – BCAM Knowledge Transfer Unit

Job Offer

Topics: Data Analysis, Statistics (regression methods, time series, multivariate analysis, clustering methods), Machine Learning techniques (e.g.: neural networks, random forests, decision trees, SVM's etc.) and Optimization (linear programming, multi-objective optimization, large-scale optimization etc.).

Salary and conditions: The gross annual salary will be 18.000 - 24.000€. It will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency. There is a moving allowance for those researchers that come from a research institution outside the Basque Country from EUR 500 to EUR 1.000 gross. Free access to the Public Health System in Spain is provided to all employees.

No Positions offered: #1

Duration: 1-year contract (with possible extension)

Deadline: March 25th 2022 14:00 CET

How to apply: Applications must be submitted on-line at: http://www.bcamath.org/en/research/job

Profile Requested

Requirements:
- Master’s and or PhD degree in Statistics, Computer Science, or a closely related field.
- Strong background in Statistics and Mathematics and Computer Science.
- Fluency in spoken and written Spanish and English.

Skills:
- Knowledge of advanced statistical methods and/or machine learning techniques, data base management and data visualization.
- Ability to analyse data, perform statistical analysis, elaborate scientific reports and interpret results.
- Experience with statistical software packages and good programming skills in R, Python and/or MATLAB.
### Principal duties and responsibilities:

- Collaboration in knowledge transfer projects with industry and research entities.
- Statistical and Machine Learning data analysis and participation in research projects, including:
  - Data processing, data management and data analysis.
  - Writing code to analyse data and produce results.
  - Summarizing and interpreting data and results.
  - Preparing, producing, updating and automating reports.
  - Elaborating interim and final analysis of research projects.
  - Assisting and preparing presentations to stakeholders.
- Contribution to the preparation and production of scientific publications and report.

### Application and Selection Process

#### Formal Requirements:
The selected candidate must have applied before the application deadline online at the webpage

http://www.bcamath.org/en/research/job

The candidates that do not fulfil the mandatory requirements will not be evaluated with respect to their scientific profile.
IC2022_03 BCAM International Call

<table>
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<tr>
<th>Application:</th>
<th>Required documents:</th>
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<tbody>
<tr>
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<td>CV</td>
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<td>Letter of interest</td>
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<td>2 recommendation letters (desirable, not mandatory)</td>
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| Evaluation: | Based on the provided application documents of each candidate, the evaluation committee will evaluate qualitatively: the adaption of the previous training and career to the profile offered, the recommendation letters, the main results achieved (projects, papers, proceedings, etc.), the letter of interest, and other merits; taking in account the alignment of these items to the job offered. |

| Incorporation: | April of 2022 or as soon as possible thereafter. |