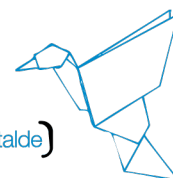


Data Science Research technician – BCAM Knowledge Transfer Unit

| Job Offer | |
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| 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.). |
| PI in charge | Dae-Jin Lee |
| Salary and conditions: | <p>The gross annual salary will be 18.000 - 26.000€.</p> <p>It will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency.</p> <p>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.</p> <p><i>Free access to the Public Health System in Spain is provided to all employees.</i></p> |
| No Positions offered: | #1 |
| Duration: | 1-year contract (with possible extension) |
| Deadline: | October 1st 2021 14:00 CET |
| How to apply: | Applications must be submitted on-line at: http://www.bcamath.org/en/research/job |

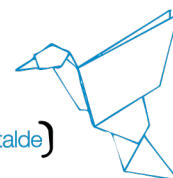
| Profile Requested | |
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| Requirements: | <ul style="list-style-type: none"> • Master's degree in Statistics, Computer Science, or a closely related field. • Strong background in Statistics and Mathematics and Computer Science. • Fluency in spoken and written Spanish and English. |
| Skills: | <ul style="list-style-type: none"> • Knowledge of advanced statistical methods and/or machine learning techniques, data base management and data visualization. • Ability to analyse data, perform statistical analysis and interpret results. |



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| | <ul style="list-style-type: none"> • Experience with statistical software packages and good programming skills in R, Python and/or MATLAB. • Knowledge in database languages (e.g. SQL) and Big Data technologies (e.g. Hadoop, etc) are valuable. • Strong analytical and problem-solving skills. • Strong programming skills. • Ability to read scientific publications and implement mathematical algorithms. • Good interpersonal skills. • Ability to effectively communicate and present research ideas to researchers and stakeholders with different backgrounds. • Demonstrated high level written and oral communication skills. • Demonstrated ability to work independently and as part of a collaborative research team. |
| Principal duties and responsibilities: | <ul style="list-style-type: none"> • Collaboration in knowledge transfer projects with industry and research entities. • Statistical and Machine Learning data analysis and participation in research projects, including: <ul style="list-style-type: none"> ○ 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

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| Formal Requirements: | The selected candidate must have applied before the application deadline online at the webpage http://www.bcamath.org/en/research/job |
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| | The candidates that do not fulfil the mandatory requirements will not be evaluated with respect to their scientific profile. |
| Application: | Required documents: <ul style="list-style-type: none">▪ CV▪ Letter of interest▪ 2 recommendation letters (desirable) |
| 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. |

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| Incorporation: | October of 2021 or as soon as possible thereafter. |
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