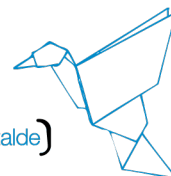
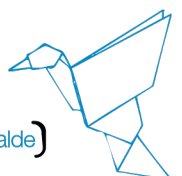


## Data Science Research Technician – BCAM Knowledge Transfer Unit

Job Offer	
Topics:	<p>Statistics (regression methods, time series, survival analysis, multivariate analysis, clustering methods), Machine Learning techniques (e.g.: neural networks, random forests, decision trees, etc.) and optimization (e.g: discrete/stochastic optimization, heuristics, combinatorics).</p> <p>About BCAM Knowledge Transfer Unit: The aim of <b>BCAM Knowledge Transfer Unit (KTU)</b> is to develop mathematical solutions for scientific challenges based on real-life applications.</p> <p>One of BCAM's most important missions is to spread knowledge and technology in the industry and the society in general. It is critical for the Basque Center for Applied Mathematics to transfer the obtained research results to sectors as biosciences, health, energy, advanced manufacturing, telecommunications and transport, including local, national and international entities. For further information, please visit the website: <a href="http://www.bcamath.org/en/the-center/knowledge">http://www.bcamath.org/en/the-center/knowledge</a></p>
Salary and conditions:	<p><b>The gross annual salary will be 18.000 - 26.000€.</b></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. <i>Free access to the Public Health System in Spain is provided to all employees.</i></p>
No Positions offered:	<b>#1</b>
Duration:	1-year contract (with possible extension)
Deadline:	<b>July 13<sup>th</sup> 2020, 14:00 CET (UTC+1)</b>
How to apply:	Applications must be submitted on-line at: <a href="http://www.bcamath.org/en/research/job">http://www.bcamath.org/en/research/job</a>



Profile Requested	
Requirements:	<ul style="list-style-type: none"> <li>• Master's degree in Statistics, Computer Science, or a closely related field.</li> <li>• Strong background in Statistics and Mathematics.</li> <li>• Fluency in spoken and written Spanish and English.</li> </ul>
Skills:	<ul style="list-style-type: none"> <li>• Knowledge of advanced statistical methods and/or machine learning techniques, data base management and data visualization.</li> <li>• Ability to analyse data, perform statistical analysis and interpret results.</li> <li>• Experience with statistical software packages and good programming skills in R, Python and/or MATLAB and database management systems (e.g: MySQL, MongoDB, etc.).</li> <li>• Strong analytical and problem-solving skills.</li> <li>• Strong programming skills</li> <li>• Ability to read scientific publications and implement mathematical algorithms.</li> <li>• Good interpersonal skills.</li> <li>• Ability to effectively communicate and present research ideas to researchers and stakeholders with different backgrounds.</li> <li>• Demonstrated high level written and oral communication skills.</li> <li>• Demonstrated ability to work independently and as part of a collaborative research team.</li> </ul>
Principal duties and responsibilities:	<ul style="list-style-type: none"> <li>• Collaboration in knowledge transfer projects with industry and research entities.</li> <li>• Statistical and Machine Learning data analysis consultation and participation in research projects, including: <ul style="list-style-type: none"> <li>○ Data processing, data management and data analysis.</li> <li>○ Writing code to analyse data and produce results.</li> <li>○ Summarizing and interpreting data and results.</li> <li>○ Preparing, producing, updating and automating reports.</li> <li>○ Elaborating interim and final analysis of research projects.</li> </ul> </li> </ul>



	<ul style="list-style-type: none"> <li>○ Assisting and preparing presentations to stakeholders.</li> <li>• Contribution to the preparation and production of publications and report.</li> </ul>
<b>Application and Selection Process</b>	
Formal Requirements:	<p>The selected candidate must have applied before the application deadline online at the webpage <a href="http://www.bcamath.org/en/research/job">http://www.bcamath.org/en/research/job</a></p> <p>The candidates that do not fulfil the mandatory requirements will not be evaluated with respect to their scientific profile.</p>
Application:	<p>Required documents:</p> <ul style="list-style-type: none"> <li>▪ CV</li> <li>▪ Letter of interest</li> <li>▪ 2 recommendation letters (desirable)</li> </ul>
Evaluation:	<p>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 (papers, proceedings, etc.), the letter of interest, and other merits; taking in account the alignment of these items to the job offered.</p>

<b>Incorporation:</b>	<b>September 2020 or as soon as possible thereafter.</b>
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