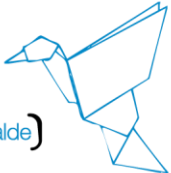


Industrial PhD Fellowship in Generalized Supervised Classification

Job Offer	
Topics:	Generalized supervision for scenarios affected by noisy labels, semi-supervision, domain adaptation, and heterogeneous samples.
PI in charge:	Dr. Santiago Mazuelas (BCAM), Jesús Salvador Renero Quintero (BBVA Data & Analytics)
Salary and conditions:	<p>The gross annual salary of the Fellowship will be 22,000€ (1st year), 25,000€ (2nd year) and 28,000€ (3rd year). The 4th year the salary will follow BCAM standards and will depend on if the thesis has been defended.</p> <p>It will then be on your own responsibility to make your yearly income declaration at the Treasury Agency.</p> <p><i>Free access to the Public Health System in Spain is provided to all employees.</i></p>
No Positions offered:	#1
Contract and offer:	3+1 years (3 years hired by BBVA Data & Analytics and 1 year hired by BCAM)
Deadline:	30th September 2020, 14:00 CET (UTC+1)
How to apply:	Applications must be submitted on-line at: http://www.bcamath.org/en/research/job

Scientific Profile Requested	
Requirements:	<ul style="list-style-type: none"> Promising young researchers. Applicants should have their MSc. completed before 31.11.2020. MSc. degree is required from mathematics, computer science or related area.
Skills and track-record:	<ul style="list-style-type: none"> Ability to effectively communicate and present research ideas. Previous experience in research projects is highly desirable. High level of spoken and written English. Good communication and interpersonal skills.
Scientific Profile:	The researcher will develop techniques for supervised classification that aggregate general ensembles of training samples with different types. The thesis will first



	<p>develop techniques for scenarios affected by noisy labels and semi-supervision. Finally, the thesis will develop techniques for scenarios with more general training samples such as those developed under the paradigms of domain adaptation and transfer learning. Candidates are expected to have strong mathematical background with experience on software languages for numerical computing such as Matlab and Python. Other fields relevant for the Thesis project are: convex optimization, linear algebra, and statistics.</p>
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Application and Selection Process	
Formal Requirements:	<p>The selected candidate must have applied before the application deadline online at the webpage http://www.bcamath.org/en/research/job</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"> ▪ CV ▪ Letter of interest ▪ 2 recommendation letters ▪ Statement of previous research experience
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 statement of past and proposed future research and other merits; taking in account the alignment of these items to the topic offered.</p>

Incorporation:	<p>December 2020 or as soon as possible thereafter.</p> <p><i>The PhD Student contract will start when the selected candidate has finished the Master level.</i></p>
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