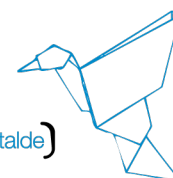


BCAM Internship: Algorithmic Fairness

The following BCAM Internship position is open at BCAM – Basque Center for Applied Mathematics, an interdisciplinary research center located in Bilbao, Basque Country – Spain.

The interested applicants can apply via the following webpage: <https://joboffers.bcamath.org/>

INTERNSHIP OFFER	
Research topic:	Algorithmic Fairness
Research line:	Machine Learning
Research topic description:	<p>Increasingly, automated decision-making tools are becoming integral in high-stakes applications affecting people's lives, from healthcare and hiring to criminal justice. However, these algorithms have demonstrated a propensity to perpetuate discriminatory behaviors, particularly concerning individuals' characteristics like gender, race, age, and sexual orientation. This realization has spurred significant growth in the research field of algorithmic fairness, which is a fundamental concept in artificial intelligence and machine learning.</p> <p>Algorithmic fairness revolves around the ethical and practical imperative of developing algorithms and models that do not discriminate against individuals or groups based on certain attributes such as race, gender, age, or socioeconomic status. This issue has substantial societal implications, making it essential to ensure the equitable and unbiased functioning of automated systems.</p> <p>As an Algorithmic Fairness Intern at BCAM, you will embark on a unique opportunity to contribute to a project dedicated to building machine learning models that make impartial, fair, and ethical decisions.</p> <p>Your work will revolve around recognizing and mitigating biases in data and algorithms, ultimately striving to ensure that the results of automated systems do not reinforce or exacerbate existing inequalities in society.</p>
Keywords:	Algorithmic fairness, trustworthy machine learning
Supervisor:	Jose Antonio Lozano and Ainhize Barrainkua
Required knowledge and skills:	<ul style="list-style-type: none"> - Degree in Mathematics, Computer Science, Physics, or a related field, or be currently enrolled in a bachelor's program in one of these areas. - Programming in Python. - Problem-solving and analytical skills. - Strong communication and teamwork abilities.
Duration and dates:	3 months; between 1st December and 28th February
Funding Project:	TANGO



Conditions:	<ul style="list-style-type: none"> • Living in the Basque Country: <ul style="list-style-type: none"> - Graduate students: net salary of 300 € monthly - Master's degree students/ PhD students: net salary of 350 € monthly • Living in Spain: <ul style="list-style-type: none"> - Graduate students: net salary of 500 € monthly + 150 € for travel expenses - Master's degree students/ PhD students: net salary of 600 € monthly + 150 € expenses for travel. • Living outside Spain: <ul style="list-style-type: none"> -No remuneration. -Accommodation is covered by BCAM. -Travel expenses are covered and to be reimbursed: <ul style="list-style-type: none"> ○ Up to 300 €, if the intern comes from the EU ○ Up to 1000 €, if the intern comes from outside of the EU (to be checked on each country)
Application deadline:	December 1st, 2023

