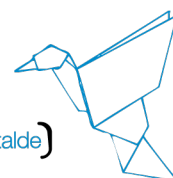


## BCAM Internship: The Mathematics of Machine Learning and Artificial Intelligence

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	
<b>Research topic:</b>	The Mathematics of Machine Learning and Artificial Intelligence
<b>Research line:</b>	Machine Learning (ML)
<b>Research topic description:</b>	This internship will serve the student to learn the fundamentals of the mathematics of machine learning while developing new learning algorithms. In particular, the student will design, implement, and test new learning methods and will also develop mathematical analysis (theorems and proofs) for their main properties. In addition, the student will also apply the methods developed in specific applications such as energy consumption forecasting. The internship is intended for young students who are highly motivated to keep learning and who may be interested in a research career.
<b>Required skills:</b>	Mathematics
<b>Keywords:</b>	Machine learning, artificial intelligence, matlab.
<b>Supervisor:</b>	Santiago Mazuelas Franco
<b>Academic background:</b>	Bachelor or Master Degree (completed or near to be finished) in Mathematics or related fields
<b>Duration and dates:</b>	3 months; from 7 <sup>th</sup> January 2026 to 7 <sup>th</sup> April 2026 (flexible depending on the intern circumstances)
<b>Conditions:</b>	<ul style="list-style-type: none"> <li>• <b>Living in the Basque Country:</b> <ul style="list-style-type: none"> <li>- Graduate students: net salary of 300 € monthly</li> <li>- Master's degree students/ PhD students: net salary of 350 € monthly</li> </ul> </li> <li>• <b>Living in Spain:</b> <ul style="list-style-type: none"> <li>- Graduate students: net salary of 500 € monthly + up to 150 € for travel expenses</li> <li>- Master's degree students/ PhD students: net salary of</li> </ul> </li> </ul>



	<p>600 € monthly + up to 150 € expenses for travel.</p> <ul style="list-style-type: none"> <li>• <b>Living outside Spain:</b></li> </ul> <p>-No remuneration.</p> <p>-Accommodation is covered by BCAM.</p> <p>-Diets: 37,40€ per diem.</p> <p>-Travel expenses are covered and to be reimbursed:</p> <ul style="list-style-type: none"> <li>○ Up to 300 €, if the intern comes from the EU</li> <li>○ Up to 1000 €, if the intern comes from outside of the EU (to be checked on each country)</li> </ul>
<b>Application deadline:</b>	1 <sup>st</sup> December, 2025