

Declaration of originality.

I declare under my responsibility that the Project presented with the title “**Predictive Maritime Intelligence for Hybrid Threat Detection**” at the ICAI School of Engineering of the Comillas Pontifical University in the academic year 2025/2026 is of my authorship and has not been presented previously for other purposes. The Project is not plagiarised from any other, either totally or partially, and the information that has been taken from other documents is duly referenced.

Use of Artificial Intelligence¹

I declare under my responsibility that (indicate the correct option):

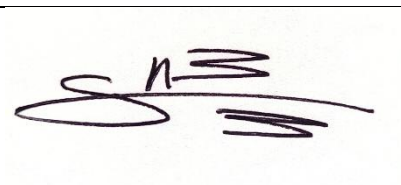
- ☐ I have not used Artificial Intelligence in the preparation of this document.
- ☒ I have used Artificial Intelligence in the preparation of this document and/or Annex B under the conditions allowed by Comillas Pontifical University, i.e. applying Level 2 of the Perkins et al. (2024) Assessment Scale: "AI can be used for pre-task activities such as brainstorming, description and initial research. This level focuses on the use of AI for planning, synthesising and generating ideas, but assessments should emphasise the ability to develop and refine these ideas independently". Specifically, Artificial Intelligence has been used to:

Claude code (Anthropic) and cursor were used as programming assistants, assisting with code generation and refinement. These applications aided in writing, optimizing and debugging Python scripts for the system described below. Additionally, AI was used for synthetic data generation for the machine learning classifiers as explained in the document.

AI models, specifically ChatGPT and google gemini were also used to find sources and research on relevant topics, as well as for proof reading and grammar revisions. These models were also used for the planning and scheduling of the project development.

¹ This declaration refers to the use of generative Artificial Intelligence to carry out the Project documents (Annex B and Memory). It does not apply to Projects where, by their nature, artificial intelligence must be used as part of them (application of machine learning techniques, neural networks, data analysis...).

Signature (student):

A handwritten signature in black ink, featuring a large, stylized 'S' followed by a horizontal line and a series of loops and strokes.

Date: 3rd July 2026.