

COMILLAS
UNIVERSIDAD PONTIFICIA

ICAI

Master's Degree in Artificial Intelligence
*a master's degree in
advanced artificial intelligence*

iMAT Program

Artificial Intelligence Program - iMAT

A solid foundation combining mathematics, computational techniques, and AI technologies to solve real-world problems.



Bachelor's Degree in Mathematical Engineering and Artificial Intelligence

- Computer Vision I
- Computer Vision II
- Forecasting
- Optimization and Simulation
- Machine Learning
- Natural Language Processing I
- Natural Language Processing II
- Reinforcement Learning

Master's Advisory Board

CONSULTING

LEGAL



Jaime Pereña · 1er
Sr. Director Growth, Innovation and Strategy - Special Missions and Technology



Javier Peman · 1er
Higher Education and Research Sales Manager



Antonio Prieto (He/Him) · 1er
Managing Director - Data & AI at Accenture



Martín Benito Herrando · 2º
Desarrollo de talento en IA y Cloud



Marlen Estévez Sanz · 1er
Partner at Roca Junyent. Member of the Board. Head innovation.
President Madrid Court of Mediation (CMEM). President WLW. AMP
Esade & Wharton. Global Leadership Harvard. Top 100 Spanish Leader.
Top 20 influential lawyers



Nicolas Oriol · 1er
Head of Data and Advanced Analytics | ExCo at Mutua Madrid



INDITEX



INDITEX

Javier Díaz Cortés, PhD · 2º

Data Science Manager @ Inditex



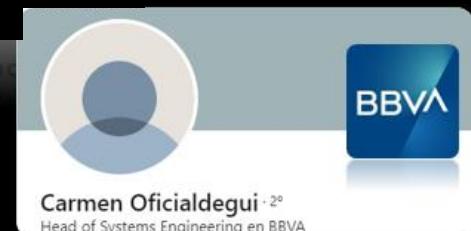
Silvia Ferreira, PhD · 2º
Technology Inditex | Analytics

INDUSTRY

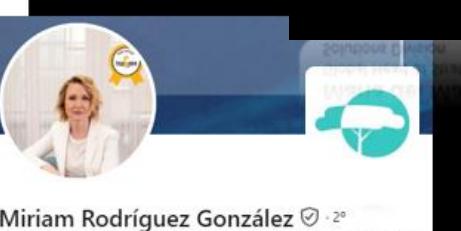
TECHNOLOGY

INSURANCE

FINANCE



Carmen Officialdegui · 2º
Head of Systems Engineering en BBVA



Miriam Rodríguez González · 2º
CEO SAVANA & Mentor Bio/Healthcare/Healthtech start ups.
Healthcare sector



Alex Rayón Jerez · 1er
Co-Founder and CEO | brainandcode.tech



Oscar Llorente Gonzalez · 1er
Senior Data Scientist @ Ericsson | Adjunct Professor @ ICAI

HEALTHCARE

Master's Degree in Artificial Intelligence

iMAT

First master's degree in Spain focused on new AI engineers (iMATs)

FIRST YEAR		SECOND YEAR	
4,5	Deep Generative Models	4,5 12 6 7,5 6 6	TFM Electives / Internships I, II y III (6 ECTS) / AI Lab / Entrepreneurship Project (18 ECTS)
4,5	Probabilistic Methods		
4,5	Differential Methods in Artificial Intelligence		
4,5	Information Geometry		
6	Explainable Artificial Intelligence - XAI		
6	Artificial Intelligence - AIOps		
30		30	30

90 ECTS
1,5 years

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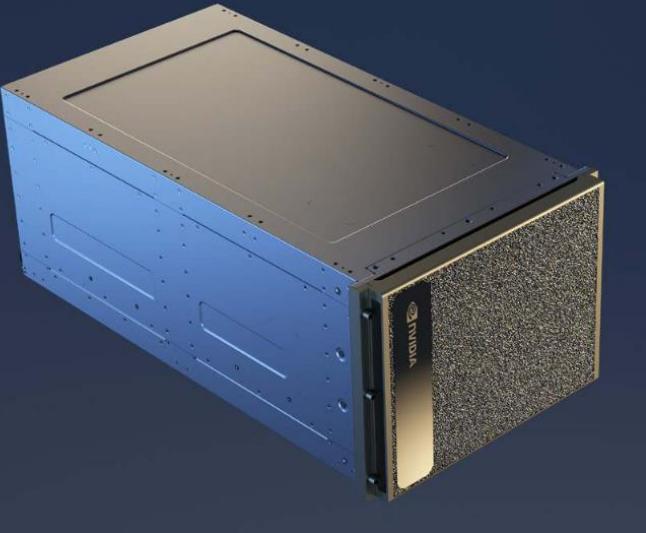
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Computer Vision I
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Machine Learning
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Master's Degree in Artificial Intelligence

Probabilistic Deep Learning
Deep Generative Models
Geometric Deep Learning
Deep Reinforcement Learning
Explainable AI
ML Ops
Applied AI



HP OMEN
Nvidia
GeForce
RTX 5090
32GB
\$5,000

AI Lab

NVIDIA DGX H200

The gold standard for AI infrastructure.

Artificial intelligence has become the go-to approach for solving difficult business challenges. Whether improving customer service, optimizing supply chains, extracting business intelligence, or designing leading-edge products and services with generative AI, AI gives organizations across all industries the power to realize innovation. And the NVIDIA DGX™ platform provides the most powerful and reliable system for bringing these essential

Specifications

GPU	8x NVIDIA H200 Tensor Core GPUs, with 141GB of GPU memory each
GPU memory	1,128GB total
Performance	32 petaFLOPS FP8
NVIDIA NVSwitch™	4x
System power usage	10.2kW max*
CPU	Dual Intel® Xeon® Platinum 8480C Processors 112 Cores total, 2.00 GHz (Base), 3.80 GHz (Max Boost)
System memory	2TB

Jetson AGX Orin Developer Kit



Advanced AI-powered robots
Edge AI devices

AI Robotic Lab

