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MANAGEMENT

MBA

2013 | Henley Business School,
University of Reading, UK

MSc Business Management

2007 | Open Univ. Catalonia, Spain

MSc Market Research

2015 | Open Univ. Catalonia, Spain

TECHNICAL

MSc Telecom Engineering

1996 | BarcelonaTech, Polytechnic
University of Catalonia, Spain

MSc Computer Science

2023 | University of Bath, UK

Distinction class. Dissertation: AI for
Aircraft Trajectory Prediction

AI Professional Program

2024 | Stanford Engineering, USA

XCS224N Natural Language Processing
with Deep Learning, XCS234
Reinforcement Learning & XCS236
Deep Generative Models

AI Graduate Certificate

2025 | Stanford Engineering, USA

CS229 Machine Learning, CS230 Deep
Learning, CS224R Deep Reinforcement
Learning (+1)

CERTIFICATIONS

PMP PMI | Prince2 Practitioner | ITILv3

Carnegie Mellon: Deep Learning

MIT: Data Science & ML

DeepLearning.AI: NN & Deep Learning,
Improving Deep NN, Structuring ML
Projects, Convolutional NN, Sequence
Models, Deep Learning Specialisation
ISC2: CISSP CSSLP CSSP

Linux Foundation: CKAD CKA CKS

Google Cloud: GCP-PMLE CGP-ACE
GCP-PCAAmazon Web Services: AWS-SAA
AWS-SAP AWS-SOA AWS-DOP
AWS-ANS AWS-DVA

Microsoft: Azure Fundamentals

Oracle: OCA Java SE 8

CompTIA: Server+ Network+ Cloud+
LPIC-1

Multidisciplinary professional, part strategist, part builder: bridging business strategy (MBA, Economist, Marketing) and advanced technical execution (Telecom Engineer, MSc Computer Science, expert in AI/ ML, Cloud Native and Cybersecurity). Bringing value through technology by delivering mission-critical large-scale digital systems in several countries (Air Mobility Systems) and innovating (ATM Digital Twin).

EXPERIENCE

2024— AI Advisor | THALES DIGITAL FACTORY | Singapore

AI strategy, delivery and MLOps for Airspace Mobility Solutions and Thales Digital Factory. Automation of DevOps processes using AI. *CDO ML Prediction* paper [1] selected for SESAR Innovation Days. *Interaction-Free CDO through TOD Prediction* paper in Journal of Aircraft.

2024— Machine Learning & Reinforcement Learning Course

Facilitator | STANFORD UNIVERSITY ENGINEERING CENTER | USA

Teaching Assistant @ Stanford's AI Professional Program XCS229 ML [3] & XCS234 RL [4].

2021—23 Air Traffic Management Digital Twin Chief Product

Owner | THALES AIRSPACE MOBILITY SOLUTIONS | SingaporeIdeated, designed and built the first Digital Twin in the Air Traffic Management domain. First live trials of Continuous Descent Operations in Singapore Changi airport. Three successful negotiations and funding rounds with the National Research Foundation of Singapore. *DG Award* 2022 (Outstanding) CAAS, Civil Aviation Authority of Singapore. *Minister's Innovation Award* 2022 (Distinguished Award), MOT, Ministry of Transport Singapore. *ATM Digital Twin* paper [5] selected for SESAR Innovation Days.

2020 Digital Infrastructure & Deployment Director | THALES AIRSPACE MOBILITY SOLUTIONS | Australia

2017—19 Onesky Infrastructure & Deployment Project

Director | THALES AIRSPACE MOBILITY SOLUTIONS | Australia

2016 Contract & PM Advisor | ADELTE | Spain & Pakistan

2016 Airport Systems Director | ULTRA ELECTRONICS | Brazil

2013—15 Master Systems Integrator Muscat and Salalah Airports Project Director | ULTRA ELECTRONICS | Oman

2011—12 Director Air Traffic Management & Airports India | INDRA SISTEMAS | India

2009—10 Airport IT PM | INDRA SISTEMAS | Spain

2009—10 IT Expert Counsel | BAKER & MCKENZIE | Spain

2002—09 Programme Manager IT Systems, Integration & Security Barcelona Airport Expansion | AENA | Spain

2001—02 Transportation IT Senior Consultant | ALG | Spain

2000 Supply Chain Management Researcher | IESE BUSINESS SCHOOL | Spain

1995—99 Entrepreneur | GLOBALCOM & COMMFACTORY | Spain