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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, U.K.

Distinction class. Dissertation: AI for
Aircraft Trajectory Prediction

AI Professional Program

2024 | Stanford Engineering, U.S.A.

Natural Language Processing with
Deep Learning, Reinforcement
Learning & Deep Generative Models

AI Graduate Certificate

2025 | Stanford Eng., U.S.A.

Machine Learning, Deep Learning,
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-PCA

Amazon 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, full stack 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. Two papers [1] [2] selected for SESAR Innovation Days.

2024— XCS229 Machine Learning & XCS234 Reinforcement Learning CF | STANFORD UNIVERSITY ENGINEERING CENTER | USA

Teaching Assistant for Stanford's AI Professional Program.

2021 — 23 Air Traffic Management Digital Twin Chief Product Owner | THALES AIRSPACE MOBILITY SOLUTIONS | Singapore

Ideated, 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 (MI) Award 2022 (Distinguished Award), MOT, Ministry of Transport Singapore.

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 | ADVANCED LOGISTICS GROUP | Spain

2000 Supply Chain Management Researcher | IESE BUSINESS SCHOOL | Spain

1995 — 99 Entrepreneur | GLOBALCOM & COMMFACTORY | Spain