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# Gabriel Mesquida Masana

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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 &amp; ML

DeepLearning.AI: NN &amp; 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