

# Corrado Nicola Orazi Barattieri

Barcelona · IT/EU work permit

## Technical Program Manager — Autonomy & Defence Platforms

INCOSE ASEP · PSM II · EASA UAS · UAV prototype delivery (ArduPilot, 28 INCOSE reqs)

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github.com/builtbycnob

INCOSE ASEP certified. Delivered a long-endurance UAV prototype on ArduPilot (3-person team, 28 INCOSE-traceable requirements, V&V plan, currently in flight test). Bridges product and engineering: translates mission needs into testable requirements and reliable field iterations. Targeting TPM roles in autonomy and defence platforms.

Available June – mid-August 2026 · Barcelona / EU-remote

## EDUCATION

**Master in International Management (CEMS MIM)**, Stockholm School of Economics 09/2026 – 10/2027

**MSc in Innovation & Entrepreneurship**, ESADE Business School 09/2025 – 09/2026

- GPA: 8.9/10 (Sobresaliente, top ~5% of cohort)

- Coursework: Product Management for Entrepreneurs, Strategic Innovation, Technology Ventures

**BSc in Business Administration & Management**, Università Bocconi 09/2022 – 07/2025

- Operations management, business analytics, quantitative modeling with R

**Electronic Engineering (coursework)**, Politecnico di Milano 09/2020 – 09/2022

- Mathematics, physics, electronics, programming (C, Assembly, Python, R)

## PROFESSIONAL EXPERIENCE

**Property Management Assistant** | Fano SRL Jan 2021 – Sep 2025

- Owned end-to-end leasing operations for 16-property portfolio and 20+ tenants; closed 3 lease negotiations (+~15% portfolio income)

- Shipped digital tracking dashboard cutting payment delays by >20% and securing adherence to contract renewal deadlines

**Intern — Order Management & Business Analysis** | Orizio SRL Jun 2024 – Sep 2024

- Drove cost-opportunity analysis across 3 new international markets and 5 SKUs; insights defined company's Q4 export strategy

- Maintained relationships with 50+ international clients; engineered automated Excel reporting (–20% manual entry, real-time KPIs for management)

## PROJECTS

**MC (Mission Control)** — Autonomous orchestrator for AI-coding worker pools Apr 2026 – Present

- Built fault-tolerant orchestrator for parallel autonomous workers (20+ concurrent jobs): rate-limit detection, crash recovery, daemon mode, escalation logic; 33 commits, 4.5K LoC

**CodeLens** — Codebase-intelligence platform with structural-semantic graph Mar 2026 – Present

- Codebase-intelligence platform built on a Structural-Semantic Code Graph (tree-sitter ASTs + call/data-flow + embeddings) for AI-provenance detection, comprehension scoring, blast-radius visualization; FastAPI + Next.js + LanceDB

**ARGUS** — Autonomous Deep-Tech Opportunity Screening Platform Feb 2026 – Present

- Architected and shipped solo: autonomous deep-tech opportunity screening platform; ~70K LoC, 875 tests, running 24/7 on local hardware

Public: [github.com/builtbycnob/argus](https://github.com/builtbycnob/argus)

**ATHENA** — Multi-Agent Strategic Wargaming Engine Mar 2026

- Multi-agent strategic wargaming engine combining LLM agents with formal game theory (BATNA, Nash, ZOPA); 550 tests, 60/60 Monte Carlo runs

**SENTINEL 650** — Long-Endurance UAV Prototype (ArduPilot) Nov 2025 – Present

- Owned end-to-end delivery of a long-endurance quadcopter UAV prototype for an operational surveillance use-case; converted mission constraints and stakeholder feedback into a delivery roadmap

- Maintained requirements traceability matrix (28 reqs → tests → flight cards); ran weekly design-review cadence with 3-person team

- Planned integration and field-validation readiness across flight control, telemetry, and mission payload; managed interfaces, risks, and configuration-minded documentation

## SELECTED CERTIFICATIONS

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### INCOSE ASEP

systems engineering

### Professional Scrum Master II

Scrum.org

### EASA UAS Remote Pilot

A1/A3 + A2

### ISPI Diploma — Global Security

### GMAT Focus 655

top 9% ( $\approx$  700 Classic GMAT)

### IELTS English Certificate

7.5 (C1)

## SKILLS

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### Technical Program Management

- Roadmapping & Milestones
- Stakeholder Management
- Risk Management
- Program Governance (cadence, reviews)
- Metrics & Reporting (KPIs)

### Systems Engineering

- Requirements Definition
- Requirements Traceability
- Verification & Validation (V&V)
- System Integration Readiness
- Interface Management

**Technical:** Python (advanced) · R · C · SQL · LLM pipeline engineering, multi-agent systems · RAG, Neo4j, LangGraph, FastAPI · tree-sitter, Next.js, GitHub Actions · ArduPilot, Linux

## LANGUAGES

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**Italian** — native

**English** — C2

**Spanish** — conversational

**French** — conversational