

EUPLIO LISI

Italy (Available for relocation – EU / CH / SG /UK)

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[Portfolio](#)

Computer Engineer specialized in **IoT and Cyber Security** (M.Sc. Computer Science). Experienced in building **distributed, low-latency, and AI-driven systems** integrating real-time data pipelines, reinforcement learning, and secure cloud architectures. Strong background across **Python, Java, C++, and embedded systems**, with a focus on performance, scalability, and reliability.

EDUCATION

OCTOBER 2025

M.SC. COMPUTER SCIENCE UNIVERSITY OF MODENA AND REGGIO EMILIA

- *Thesis:* Develop of a Crypto Agent (Actor + Critic) using Trasnfromers with relative plaform.

APRIL 2023

B.SC. COMPUTER ENGINEERING UNIVERSITY OF MODENA AND REGGIO EMILIA

- *Thesis:* Building a Self-Driving RC-Car.

EXPERIENCE

CryptoMCP — Distributed Trading Agent (Thesis Project)

Java 21, Spring Boot, gRPC, Python, PyTorch, SQLite, Firestore, WebSocket Dashboard

- Designed a **Transformer-based Actor–Critic agent** for real-time cryptocurrency trading and risk-aware policy evaluation.
- Developed a live **dashboard** (REST + WebSocket) for Actor/Critic activity and strategy tracking.

SmartFarm — IoT Platform for Precision Agriculture

ESP32, Raspberry Pi, MQTT, Android, Firebase, RTK GNSS, Kotlin

- Built an end-to-end **IoT system** connecting RTK GNSS modules, sensors, and Android app for autonomous tractor guidance.

Freelance Developer (2019 – 2023)

- Delivered > 20 custom web and e-commerce solutions (PHP/Laravel, WordPress, React).
- Developed NFT collections and ERC-20/721 smart contracts on Solana and Ethereum testnets.

TECHNICAL SKILLS

Languages: Python (asyncio, FastAPI, PyTorch), Java (Spring Boot 3), C/C++ (Linux perf, multithreading), Solidity, Kotlin (Android), JavaScript/TypeScript

ML & AI: Transformers, PyTorch Lightning, Reinforcement Learning, Distributed Training, MLOps, Explainability

Systems & Networking: gRPC, Kafka, WebSocket, SQLite, Firestore, MQTT, RTK GNSS, AWS/GCP Cloud

Security: TLS/PKI, AuthN/Z, Network Hardening, Threat Modeling

Tooling: Docker, Linux perf, Git, TensorRT, Node.js, OpenSSL