

Simone Pio Candido

COMPUTER ENGINEER • IOT & NETWORK SPECIALIST • FULL STACK DEVELOPER

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Summary _____ Computer Engineer currently pursuing a Double MSc (Eurecom & Politecnico di Torino), defined by discipline and extreme ownership. I don't just write code; I autonomously find solutions to complex problems, from 5G O-RAN AI models to enterprise dashboards. I thrive in challenging environments, consistently standing out for my "head down and work" approach, mastering new technologies independently to deliver excellence. I always strive for the best and try to maximize profit based on the time I have available by finding the best possible strategy.

Education

EURECOM

DIPLOME D'INGENIEUR (MSc) IN INTERNET OF THINGS | ERASMUS+ DOUBLE DEGREE

- Specialization in Internet of Things and Wireless Communications (5G/6G). Key Project: AI/ML for UE Positioning.

Sophia Antipolis, France

Sep. 2025 - Feb. 2027 (Exp)

Politecnico di Torino

MSc IN COMPUTER ENGINEERING (COMPUTING AND NETWORK INFRASTRUCTURES)

- Ranked in the **top 5%** of students (Ref. Prof. G. Marchetto). Focus on Computing and Network Infrastructures.

Turin, Italy

Sep. 2024 - Feb. 2027 (Exp)

Politecnico di Torino

BACHELOR'S DEGREE IN COMPUTER ENGINEERING

- Final Grade: **108/110**. Notable: Signal Theory (30 cum laude), showcasing strong analytical skills.

Turin, Italy

Sep. 2021 - Jul. 2024

Experience

Panini S.p.A. (Worldwide leader in check scanners)

JUNIOR SOFTWARE DEVELOPER (R&D INTERNSHIP)

- Took ownership of a dashboard for EvernexT scanners, developing a real-time solution using **ASP.NET Core** and **SignalR**.
- Autonomously solved hardware integration issues (tiff.js) and implemented Azure Functions for cloud integration.
- Delivered a production-ready tool that improved scanning process efficiency, praised for code quality and autonomy.

Turin, Italy

Mar. 2024 - Jun. 2024

Moreware IT

TECHNICAL EDITOR & CONTENT MANAGER

- Demonstrated consistency over 6+ years by authoring technical articles on Linux, Arduino, and Embedded Systems.
- Managed editorial deadlines and industry collaborations, translating complex tech concepts for a broad audience.

Remote

Aug. 2019 - Present

Projects

AI/ML Methods for UE Positioning in 5G O-RAN

RESEARCH PROJECT AT EURECOM (5G/6G)

- Developing a Beta-VAE anomaly detection model to mitigate NLOS errors in UWB localization using 5G CSI data.
- Achieved **88% accuracy**. Stack: **PyTorch, O-RAN, xApp**.

Oct. 2025 - Present

Liqo Telemetry Dashboard

BACKEND ENGINEER & CLOUD ARCHITECT

- Engineered a monitoring system migrating data from AWS DynamoDB to PostgreSQL using **Go (Golang)**.
- Designed data pipelines and Grafana dashboards. Gained basic exposure to **Kubernetes** and **AWS**.

Oct. 2024 - Jan. 2025

Stuff Happens - Modern Web Game

FULL STACK DEVELOPER

- Built a competitive card game using **React, Node.js, and SQLite** with secure cross-origin session management.

Jun. 2025 - Jul. 2025

Turin Toret Bot (Open Source)

CREATOR & MAINTAINER

- Developed a widely used Telegram bot hosted on Cloud to locate public fountains in Turin.
- Collaborated with the "I Love Toret" association. Stack: **Python, Telegram API, Geolocation Algorithms**.

2022 - Present

GitHub Portfolio Summary (30+ Repos)

OPEN SOURCE CONTRIBUTOR & HARDWARE MAKER

- Academic Support:** Created comprehensive repositories for PoliTo exams (Assembly, OOP, LandTiger) helping fellow students.
- Productivity Bots:** Developed a "Virtual Secretary" Telegram bot and study tools (LoFi Clock).
- IoT & Hardware:** Built prototypes including a **License Plate Recognition Gate Opener (RPI)** and a Digital Soccer Table Scoreboard (Arduino/ESP32).

2019 - Present

Skills

Languages	Go, C, C++, C#, Python, Java, JavaScript/TS, SQL, Assembly, Bash, Rust
Web & Tools	React.js, Node.js, ASP.NET Core, SignalR, Tailwind, Bootstrap, Docker, Git
Cloud (Basic)	Kubernetes, AWS, Azure Functions (Initial exposure through academic & internship projects)
Languages	Italian (Native), English (B2 - IELTS 6.0), French (A1 - Basic)

Interests

Discipline: Bodybuilding as a lifestyle of consistency and mental toughness. **Maker:** Creating hardware/robotics projects.