

ALTOMARI GIULIO GIOVANNI

Cremona, Italy | +393428144123 | altomari.giulio@gmail.com | www.linkedin.com/in/giulio-altomari

EDUCATION

KTH Institute of Technology | Stockholm, Sweden

August 2025 – Present

Master in Computer Science Engineering (Software Engineering)

- Collaborating in a cross-university research project on microservices reliability, using Kubernetes and Go to build fault-tolerant prototypes.
- Practical workshops at Ericsson, Spotify Tech Hubs.

Politecnico di Milano | Milan, Italy

September 2021 – June 2025

Bachelor in Computer Science Engineering

- Produced several projects among Software Engineering, Algorithms and R, while being a student worker
- **Relevant courses:** Calculus I/II, Probability and Statistics, Architecture of Calculators and OS, Linear Algebra, Databases, Electronics, Enterprise and Strategic Decisions

IIS Torriani | Cremona, Italy

September 2016 – June 2021

High school Diploma in IT | GPA: 4.0/4.0

- Completed an intensive six-month math analysis course in the fourth year, funded by PON
- Attended classes during a two week visit to England

EXPERIENCE

Embedded Software Engineer | Gravity Gardens | Arnhem, Netherlands

April 2025 – Present

- Responsible for designing, developing, and testing embedded software for resource-constrained systems. Skilled in low-level programming (C, C++, Assembly) with direct hardware interaction via communication protocols (SPI, I2C, UART, CAN). Experienced in system modeling and simulation using MATLAB/Simulink, and in PCB design for optimal hardware-software integration. Proficient in code optimization and cross-functional collaboration with hardware teams to deliver high-performance, reliable embedded solutions.

High School Teacher | IIS Janello Torriani | Cremona, Italy

November 2023 – June 2025

- Automation and Electronics Teacher, teaching the basics of Robotics and Electronics, covering C++ coding for Robotics, Binary logic and combinational circuits such as flip-flops and latches, CPU, ALU and register structures, PLC, design and schematics for three-phase asynchronous motors.

ADDITIONAL INFORMATIONS AND CERTIFICATIONS

- **Languages:** Italian (native), English (fluent C1 – IELTS 7.5), Spanish (intermediate), French (basic)
- Completed multiple hands-on coding projects on [Boot.dev](https://boot.dev), focusing on backend development, data structures, and JS/Python.
- Martial Arts enthusiast.