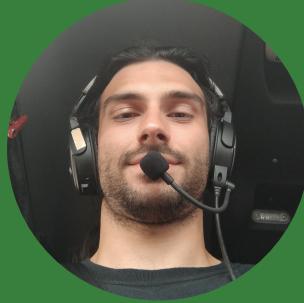


Matteo Bonacini



Who am I

I am an Applied Physics Master's student, currently looking for a PhD candidate position. I am passionate about my work and I like to take on new projects. In my free time, I work as a drone photographer and programmer. I love traveling and making new experiences.

How to contact me

@ matteo.bonna@gmail.com
+39 370 324 7322
<https://p2-718na.github.io/>

Personal information

Based in: Italy

Age: 23

Languages:

Italian (mother tongue)

English (C2)

Physics/Data Science skills

I can do many things. Check out my portfolio on my website!

Programming skills

- Languages: NodeJS, C++, Python, Mathematica, Solidity, ...
- Web technologies: AWS Cloud, SQL, DynamoDB, HTML, CSS, ...
- Other tech: git, Docker, unix, Office Suite, hardware, \LaTeX , ...

Soft skills

- I can work in a team
- I know how to manage small scale projects
- I can give talks in front of an audience
- I can communicate efficiently with clients and colleagues

Education

Since 2024

Erasmus+ Study Programme – Sorbonne Université

- ◊ Currently following courses from the Complex Systems M2 track.

Since 2023

Master's Degree – Università di Bologna

- ◊ Currently enrolled in the Applied Physics course, class of 2025.
- ◊ Working on many small projects with real-world applications.

2020-2023

Bachelor's Degree – Università di Bologna

- ◊ Obtained my Bachelor's Degree in Physics.
- ◊ Wrote my final thesis on Control Theory. I built from scratch an inverted pendulum on a cart. (Check it out on my website!)

Work Experience

Since 2022

Drone operator for aerial shooting – Various

- ◊ **Paolo Toracca (2024)**: took aerial videos of a moving sailboat for a commercial on a sailing school.
- ◊ **Fidelio SRL (2022)**: took aerial videos of landscapes and moving vehicles for the "aemilia" documentary against Mafia.

2018-2020

Web Developer Intern – Soluzioni Futura

- ◊ Took on many projects involving AWS Cloud, IoT and Blockchains.

2018

Software Developer Intern – Boggi SRL

- ◊ Developed a warehouse organizer in Microsoft Access and VBScript.

Certifications and Training

2024

Summer School on Dynamical Systems – ICTP

- ◊ Got to learn cool concepts about Ergodic Geometry and Lyapunov Exponents.
- ◊ Trieste is a wonderful city and it allowed me to meet amazing people!

2022

CyberChallenge Competition – UNIBO & ITCILO

- ◊ Got to learn a lot about cybersecurity and hacking techniques.
- ◊ It was a great skill check for me and my team. We did very good both in the individual competitions and in the team-based final round.

2019

Internship at CERN – CERN Meyrin

- ◊ Got to see how work is done inside the Conseil.
- ◊ This was possible thanks to the Italian junior internship program.