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🏠 Cervia (RA)

📞 3450303752

📅 14 Aug, 2001

🌐 Italy

🔗 [www.linkedin.com/in/martina-castellucci-45b120298](https://www.linkedin.com/in/martina-castellucci-45b120298)

## SKILLS

- Programming
- ProblemSolving
- Collaboration
- MachineLearning
- Statistics
- Data Mining
- Analytical
- Databases

## LANGUAGES

- English | Intermediate

## MSC STUDENT IN BIOINFORMATICS

# Martina Castellucci

## EXPERIENCE

● Present

### BABYSITTER

**Marepineta Resort, Milano Marittima (Ra), Italy.**

Developed and implemented engaging educational and recreational activities to promote cognitive and social development.

● Present

### PRIVATE TUTOR

**Private | Cervia (Ra), Italy.**

Developed customized lesson plans to improve student understanding and academic performance across multiple subjects.

● Present

### EXHIBITION HOSTESS

**Bologna-Rimini, Italy.**

● Feb 2026  
Present

### BIOINFORMATICS SPECIALIST (INTERN)

**Neutron SpA . Modena, Italy**

Curricular internship for the Master's thesis in Bioinformatics, focused on data extraction and preprocessing from analytical databases, statistical analysis of food contamination patterns, and development of predictive machine learning models in Python, with data visualization in R and Power BI to support food safety risk assessment.

## EDUCATION

● Sep 2024  
Present

**MASTER'S IN BIOINFORMATICS**  
**Alma Mater Studiorum | Bologna.**

Expected graduation: September 2026

Interdisciplinary program focused on bioinformatics and computational biology, training in the analysis and interpretation of large-scale molecular and genomic data using computational and AI-based methods, integrating principles from biology, statistics, mathematics, and computer science.

● Sep 2021  
Jul 2024

**BACHELOR'S DEGREE: BIOTECHNOLOGY**  
**Alma Mater Studiorum University of Bologna.**

Final grade: 110/110 with honors

The program provided interdisciplinary training in biological sciences, integrating theoretical knowledge with advanced experimental methodologies in biotechnology.

During my third year, I completed an experimental internship at the Department of Biomedical and Neuromotor Sciences (Physiology Laboratory, Prof. Roberto Amici).

● Sep 2015  
Jun 2020

**SCIENTIFIC HIGH SCHOOL**  
**Liceo Enzo Ferrari | Cesenatico.**

Final Grade: 100/100

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**PROJECTS**

Repository Github - projects, notes collection from my MSc  
Bioinformatics: <https://github.com/Martinaa1408>

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**PERSONAL PORTFOLIO**

<https://martinaa1408.github.io/>

## DIGITAL PROFILES



### **LinkedIn**

<https://www.linkedin.com/in/martina-castellucci-45b120298>



### **GitHub**

<https://github.com/Martinaa1408>



### **Portfolio**

<https://martinaa1408.github.io/>