

ANDREA BELLI CONTARINI

Physicist

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🐙 <https://github.com/andreabcontarini>



EDUCATION

Internship and Research Thesis, Physics

Université de Genève

📅 Period: February - July 2025

📍 Geneva, Switzerland

- Thesis: *Wind-Wave Interaction*.
- Supervisors: Jérôme Kasparian, Maura Brunetti, Anna Maria Siani.

Master of Science, Physics

Sapienza University of Rome

📅 2023 - 2025

- Major: Computational Physics.
- GPA \simeq 29/30.
- [GitHub repository](#) storing my latest projects.
- Two upcoming publications (by the end of 2025):
 1. **Computer Vision:** *Visual Tracking and Collision Recognition in Spinning Top Simulations: A Dataset and Kalman Filter-Based Approach*.
 2. **Machine Learning in Medical Imaging:** *Advanced Machine Learning Classification for Osteoporosis Detection in MRI Scans*.

Bachelor degree, Physics

Sapienza University of Rome

📅 Period: 2019 - 2022

📍 Rome, Italy

- Final mark: 107/110 (GPA \simeq 27/30).
- Optional exams taken: *Computing of Probability, Machine Learning and A.I. Methods*.
- [Dissertation](#): *Jet flavor classification in high-energy physics with Deep Neural Networks* (supervisor: prof. Stefano Giagu).
- 3 years of laboratory experience: making specific experiments and reporting them in articles. Everything stored in the [Google Drive folder](#).

High school diploma

Liceo Scientifico J.F. Kennedy

📅 Period: 2014 - 2019

📍 Rome, Italy

- Final grade: 100/100

High school exchange program

The Odyssey Institute for Advanced and International Studies

📅 Period: Aug 2017 - Jan 2018

📍 Buckeye, Arizona

- Attended an American high school during my junior year and played on the varsity basketball team.
- Final GPA = 4.0/4.0

LANGUAGES

- **ITALIAN:** Native
- **ENGLISH:** Full professional proficiency (TOEFL score: 98; IELTS score: 7.5)
- **SPANISH:** Professional working proficiency
- **FRENCH:** Limited working proficiency

SKILLS

Programming: **Python, C, C++, SAS, HTML**

Microsoft Softwares: **Excel, PowerPoint**

Machine Learning

PyTorch

Artificial Intelligence

Automation Platforms

Data Analysis

Project Management

Team Leadership

EXTRA-CURRICULAR ACTIVITIES

- **PIANO:** Following the conservatory piano program, without giving exams.
- **BASKETBALL:** Playing semi-professional basketball: "serie C" and "serie D" league (currently).
- **MATH AND PHYSICS TUTOR:** Giving math and physics lessons as a tutor to high school and university students.

PRIVACY

I authorize the processing of my personal data, in accordance with D. lgs. 196 of June 30, 2003.

WORKING EXPERIENCE

Co-Founder & Chief AI Solutions Architect

Martes-AI (<https://www.martes-ai.com/>)

📅 2024 – Present

Leading the development of AI-driven automation solutions and AI-agents to streamline business processes, including lead generation, email marketing and customer service. Proficient in automation platforms such as *n8n*, *Make* and *Voiceflow*.

Data Analyst (internship)

SAS (Statistical Analysis System) Institute (<https://www.sas.com/>)

📅 Period: Nov 2022 - May 2023

📍 Rome, Italy

- Recruited for the EMEA/ASIA PACIFIC intern program to a full-time paid internship for the consulting department.
 - In charge of customers' functional and technical requirements analysis activities and customization of their software solution. Customer Intelligence.
 - Analysis and reporting in CRM area related to Customer Journey (CJ) of banking products, developed on web and mobile platforms.
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High school internship: account manager assistant

Randstad (<https://www.randstad.com/>)

📅 Period: 2017-18 academic year

📍 Rome, Italy

Flanked Randstad's Rome offices account managers and assisted them in:

- Sales activities: search for potential customers, sales visits, negotiation, customer acquisition and retention.
- Recruitment and selection activities: creation and management of recruitment channels, CV screening, selection interviews.
- Administrative activities: management of personnel administration procedures related to contracted workers.