Ivan Carnevali

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ivan.carnevali02@gmail.com | **LinkedIn:** https://www.linkedin.com/in/ivan-carnevali/ |

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Address: Via Col di Lana 97, 00043, Ciampino, Italy (Home) |

Address: Piazza Vittorio Puntoni 1B, 40126, Bologna, Italy (Study address)

WORK EXPERIENCE

01/10/2023 – 15/06/2024 Glasgow, United Kingdom
TUTOR FOR STATISTICS UNIVERSITY OF GLASGOW

• Supervise weekly undergraduate statistics tutoring sessions of 10+ students.
• Solve statistics exercises with students, answering their questions and providing clear explanations.
• Monitor student progress and identify struggling students who could benefit from further support.
• Provide feedback to course coordinators on students' understanding of course material.

Competences: Data Science · Statistics · Teaching Skills · Rstudio Programming (including Ggplot2, Tidyverse) · Algorithms · Data Structures · Communication Skills

Business or Sector Education | **Department** Mathematics and Statistics |

Website https://www.gla.ac.uk/undergraduate/degrees/statistics/

01/10/2023 – 15/06/2024 Glasgow, United Kingdom
LAB DEMONSTRATOR FOR STATISTICS UNIVERSITY OF GLASGOW

• Supervise weekly undergraduate statistics lab sessions of 30+ students.
• Provide support for students within the lab using RStudio, answering student questions and providing clear explanations.
• Monitor student progress and identify struggling students who may benefit from further support.
• Provide the course coordinators with feedback on the students' understanding of the course material.
Competences: Data Science · Statistics · Teaching Skills · Rstudio Programming (including Ggplot2, Tidyverse) · Algorithms · Data Structures · Communication Skills

Business or Sector Education | **Department** Mathematics and Statistics |

Website https://www.gla.ac.uk/undergraduate/degrees/statistics/

EDUCATION AND TRAINING

CURRENT Bologna, Italy
MASTER IN DATA SCIENCE Alma Mater Studiorum, University of Bologna

Website https://corsi.unibo.it/2cycle/StatisticalSciences/course-structure-diagram/piano/2024/9222/A91/000/2024

09/2021 – 07/2024 Bologna, Italy
BACHELOR IN STATISTICAL SCIENCES (STATS&MATHS) Alma Mater Studiorum, University of Bologna

Website https://corsi.unibo.it/1cycle/StatsMaths | **Field of study** Statistics , Mathematics | **Final grade** 110 cum Laude |

Thesis Dimension reduction: PCA and GPLVM for Simulated Cylinder and Real Handwritten Digits

09/2023 – 06/2024 Glasgow, United Kingdom
STATISTICS BSC/MSCI (DOUBLE DEGREE) University of Glasgow

Website https://corsi.unibo.it/1cycle/StatsMaths/opportunities-international-degree-programme |

Field of study Statistics , Mathematics | **Final grade** First Class with Honours |

Thesis Dimension reduction: PCA and GPLVM for Simulated Cylinder and Real Handwritten Digit

09/2021 – CURRENT Bologna
COLLEGIO SUPERIORE OF THE UNIVERSITY OF BOLOGNA (HONOURS PROGRAMME) Alma Mater
Studiorum, University of Bologna

Website https://site.unibo.it/collegio-superiore/it

09/2016 – 06/2021 Ciampino (Rome), Italy
HIGH SCHOOL DIPLOMA, SCIENTIFIC INTERNATIONAL CURRICULUM "Vito Volterra" High School

IGCSEs taken: English as a Second Language, Maths, Physics, Geography

Website https://www.liceovolterra.edu.it/ | **Final grade** 100/100

CONFERENCES AND SEMINARS

10/04/2024 – 13/04/2024 Wellesley College, Boston, Massachusetts, United States
Ruhlman Conference

One of the Ruhlman Conference's goals is promoting research through interdisciplinary collaboration of students and lecturers, to encourage the enrichment of the College intellectual life. The Conference had an international outlook. In fact, six other students and I were selected from universities all over the world.
During the conference I had the opportunity to share the results and experiences of my research, which investigates how the use of two different dimensionality reduction techniques (PCA and GPLVM), applied to a simulated dataset and a real dataset of handwritten digits, impacts on the quality of the latent spaces obtained.

Link https://www1.wellesley.edu/ruhlman

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C1
FRENCH	B2	B2	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

R Studio/ R / R Markdown | Flourish - Data Visualization. | LaTex | Base Python | Adobe Photoshop, Canva, Adobe Illustrator | Microsoft Office

DRIVING LICENCE

Driving Licence: AM
Driving Licence: B

HOBBIES AND INTERESTS

Sport

Competitive **swimming** (2012-2016),

semi-competitive **basket** (2016-2019) and **volleyball** (2019-2020)

Theatre and Musical theatre

(2013-2020)

Playing the piano

- **COMMUNICATION AND INTERPERSONAL SKILLS**

Soft skills

Time management
Team building and team working skills
Self motivation
Leadership skills
Communication skills
Decision making skills

- **VOLUNTEERING**

06/2020 – 09/2020 Ciampino (Rome)
Animator summer centre