

**Greta Benigni**

Date of birth: | Nationality: | Sex: | Phone: | Email: | Address: |

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## ● EDUCATION AND TRAINING

2018 – 2024 Florence, Italy

**BACHELOR DEGREE IN PHYSICS AND ASTROPHYSICS** University of Florence

### Key courses:

- Optics Laboratory
- Electromagnetism Laboratory
- Nuclear Physics Laboratory
- C Programming Course
- C Programming Applied to Physics Problems

During the thesis I analysed data from the James Webb Space Telescope to study the accretion characteristics of Supermassive Black Holes and the X-ray emission from Active Galactic Nuclei in the primordial universe.

**Final grade** 106/110 |

**Thesis** Investigation on Supermassive Black Holes and X-Ray Emission from High- Redshift AGNs: New Discoveries with JWST

2016 – 2018 Florence, Italy

**COURSEWORK IN MIDWIFERY** University of Florence

### Key Courses:

- Anatomy, Physiology and Pathology
- Endocrinology
- Pathophysiology of human reproduction

Completed two years of study before changing academic focus.

2012 – 2015 Florence, Italy

**BACHELOR DEGREE IN NURSING** University of Florence

I collaborated in developing a project of a new vial storage system for territorial emergency services to minimise the risk of incorrect administration of look-alike sound-alike drugs.

**Final grade** 108/110 |

**Thesis** Preventing Adverse Events Related to Incorrect Administration of LASA Drugs in Emergency Situations: Proposal for a New Vial Storage System for the 118 Operational Center in Florence-Prato and Territorial Emergency Services

## ● WORK EXPERIENCE

Florence, Italy

**REGISTERED NURSE (PART-TIME)** VARIOUS HEALTHCARE FACILITIES

Worked intermittently as a registered nurse during studies.

During my part-time role as a registered nurse, I was able to build upon and enhance the skills initially developed during my clinical internships. This experience allowed me to further refine my analytical and problem-solving abilities, crucial for interpreting complex data and addressing intricate issues.

It also strengthened my teamwork and communication skills.

2012 – 2018 Florence, Italy

**HOSPITAL INTERN** AZIENDA OSPEDALIERO-UNIVERSITARIA CAREGGI, MEYER'S CHILDREN HOSPITAL, OTHER HEALTHCARE FACILITIES

Completed clinical internships in various hospital settings, developing the following skills:

- Analytical Skills: Ability to assess and interpret complex patient data to support clinical decision-making.
- Problem-Solving: Experience in identifying and addressing issues in high-pressure environments.
- Team Collaboration: Worked within multidisciplinary teams.
- Attention to Detail: Precision in performing medical procedures.
- Communication: Enhanced interpersonal skills through interactions with patients and healthcare professionals.

DIGITAL SKILLS

C | Python | Latex | Data Analysis | Data manipulation | Microsoft Office ( Word , Excel and Power Point )

CONFERENCES & SEMINARS

08/2022 Bressanone, Italy  
Summer School for Photobiology

Attended a summer school specializing in photobiology, covering topics such as:

- Physical and Chemical Photobiology
- Human Photobiology and Photomedicine
- Photodynamic Diagnosis and Therapy

LANGUAGE SKILLS

Mother tongue(s): ITALIAN  
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	A2	A2	B2
FRENCH	A2	A2	A1	A1	A1

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

VOLUNTEERING

2018 – 2023 Florence  
Italian Red Cross

- TSSA (Health Transport and Ambulance Assistance)
- GASPI (Hospital Assistance Group for Children)

HOBBIES AND INTERESTS

Astronomy and Astrophysics

My passion for these fields motivated me to pursue the degree in Physics.

Sport

Aerial acrobatics, trekking

DRIVING LICENCE

Driving Licence: B