ALESSIA BERARDUCCI

alessiaberarducci@gmail.com

alessia-berarducci | alessiaberarducci | website

Experience

- **USI, Università della Svizzera Italiana** *03/2026 - ongoing*
  PhD Candidate in Computational Science Lugano, Switzerland
- **IDSIA (USI-SUPSI), Dipartimento Tecnologie Innovative** *09/2025 - 02/2026*
  Researcher and Master Assistant Lugano, Switzerland
- **USI, Università della Svizzera Italiana** *02/2025 - 06/2025*
  Teaching Assistant for Graphical Models and Network Science (Master's Course) Lugano, Switzerland
- **USI, Università della Svizzera Italiana** *03/2025 - 06/2025*
  Mentor – Bachelor Students in Data Science Lugano, Switzerland
- **USI, Università della Svizzera Italiana** *09/2024 - 01/2025*
  Teaching Assistant for the Probability & Statistics (Bachelor's course) Lugano, Switzerland
- **Università di Bologna** *12/2023 - 07/2025*
  Academic Degree Programme Tutor for the Master's in Statistical Sciences Remote

Education

- **USI, Università della Svizzera Italiana** *09/2024 – 07/2025*
  Master Degree in Computational Science (Data Science Track) Lugano, Switzerland
  - Focus on applied machine learning, programming, database systems, network analysis and causality.
  - Obtained a double degree as part of a competitive program with Università di Bologna.
- **Università di Bologna** *09/2023 – 07/2025*
  Master Degree in Statistical Sciences (Data Science Curriculum) Bologna, Italy
  - Strong foundation in statistics and mathematics, including advanced time series analysis, stochastic processes, statistical modeling, supervised learning and theoretical probability.
  - Graduated with 110/110 and honours.
- **Università di Bologna** *09/2020 - 07/2023*
  Bachelor Degree in Stats and Maths Bologna, Italy
  - Graduated with 110/110 and honours.

Skills

- **Languages:** R, Python, MATLAB, SAS
- **Databases:** MySQL
- **DevOps/VC:** Git
- **Docs/Tools:** LaTeX, Jupyter
- **Office/Web:** Google Suites, Office Suites

Volunteer Experience

- **ATED4KIDS Mentoring** *02/2025 - ongoing*
  Empowered young learners to discover informatics through play-based coding sessions.

Certifications

- **IELTS C1** *09/2024*

Additional Information

Languages: Italian (Native language), English (C1 level), French (A2 level).

Hobbies: I've been playing piano for over 10 years, actively singing with the USI choir, playing volleyball and keeping fit at the gym.