

Francesca Pescol

Date of birth: 23.09.1999

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in Francesca Pescol | LinkedIn

Work Experience

- 03.2024 – 05.2024 **Research Fellowship, University of Pavia**
Laboratory for Biomedical Informatics "Mario Stefanelli", Department of Industrial and Information Engineering
Research activity title: *Advanced Analysis of Glycemic Profiles in Diabetic Patients*


Education

- 04.2024 – **Ph.D., University of Pavia**
Bioengineering, Bioinformatics and Health Technology
Laboratory for Biomedical Informatics "Mario Stefanelli", Department of Industrial and Information Engineering
- 10.2021 – 12.2023 **M.Sc. Bioengineering, University of Pavia**
Curriculum: Digital Health
Thesis title: *Machine Learning-Based Pattern Recognition in Preterm Infants' Glycemic Signals*
Supervisors: Prof. Lucia Sacchi, Prof. Aleksander Sadikov
Voting: 110/110 cum laude
- 10.2018 – 10.2021 **B.Sc. Bioengineering, University of Pavia**
Thesis title: *Interoperability: prospects for using HL7 FHIR standard in TRIAD registry*
Supervisor: Prof. Riccardo Bellazzi
Voting: 110/110
- 09.2013 – 06.2018 **High School Scientific Diploma**
Liceo Scientifico Giuseppe Novello, Codogno (LO)
Voting: 100/100 cum laude


Skills and Interests

- Languages **Italian (Native), English (B2)**
- Coding **C, Matlab, SQL, Java, Python**
- Interests **Biomedical Informatics, Data Mining, Data Analysis, Machine Learning, Deep Learning, Signal Processing**



International Experiences

- 04.2023 – 09.2023  **Research activity for Master's Degree thesis, University of Ljubljana**
Artificial Intelligence Laboratory, Faculty of Information and Computer Science
Research topic: glycemc signals analysis and application of pattern detection methods based on artificial intelligence


Certifications

- 12.2017  FIRST Certificate in English, Cambridge University Press and Assessment

Schools and Conferences

- 02.2024  *Data Driven Healthcare Transformation Winter School, University of Pavia*
- 07.2023  *First European Summer School on Artificial Intelligence (ESSAI) and Twentieth Advanced Course on Artificial Intelligence (ACAI) - Third TAILOR Summer School on Artificial Intelligence, University of Ljubljana*

Voluntary Activities

- 01.2024 –  GVDA - Gruppo Volontariato Diversamente Abili
San Colombano al Lambro (MI)