



Eleonora Mancini

PhD Student

Computer Science and Engineering
University of Bologna

July 8, 1997
 Bologna, Italy

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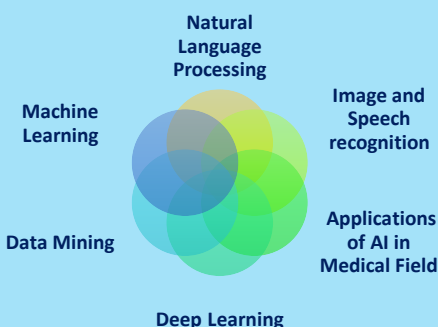
Language Skills

- **Italian:** native speaker
- **English:** fluent
- **Spanish:** intermediate

Language Certifications

- **First Certificate in English level B2**
Cambridge Assessment English
09/06/2016
- **Certificate in Spanish level A2**
Summer School UEM
Universidad Europea de Madrid
07/07/2014

Interests



Education

- 11/2022 – present **PhD in Computer Science and Engineering**
University of Bologna
Research Project: Data Representation, Fusion and Explainability in Multimodal Deep Learning for Natural Language Processing
- 2019 - 2021 **MEng in Artificial Intelligence**
University of Bologna
Graduation date: 03/12/2021
Master Thesis Title: *Disruptive Situation Detection in Public Transports through Speech Emotion Recognition*
Average grades: 29.83/30
Final Evaluation: 110/110 with honours
- 2016 – 2019 **BEng in Computer Engineering**
University of Bologna
Graduation date: 03/10/2019
Bachelor Thesis Title: *Creation of a chatbot on a humanoid robot using Artificial Intelligence tools and voice analysis.*
Average grades: 25.41/30
Final evaluation: 101/110
- 2011 – 2016 **High School Diploma in Science**
Galileo Galilei Scientific High School (Pescara, Italy)
Final evaluation: 100/100

Programming Skills

- **Python**
 - ML Python Libraries (numpy, pandas, sklearn, scipy), Tensorflow, Pytorch, NLP Libraries, Audio Processing Libraries
- **Programming Languages**
 - Python (advanced), R, C, C#, Java, Scala, Prolog
- **Version Control System:**
 - BitBucket, Git, GitHub, GitLab

Soft Skills

- Excellent **problem solving** and **problem finding** skills. Excellent **sense of organization** and good attitude to **teamwork** and **leadership**

Working Experience

- 02/2022 – present **Teaching Tutor – University of Bologna**
 - Real Time Systems for Automation course belonging to the Automation Engineering master's degree (A.A. 22/23).
 - Programming course belonging to the Genomics degree (A.A. 21/22)
 - Computer Science course belonging to the Mathematics degree (A.A 21/22)
- 01/2022 – 10/2022 **Research Assistant at Language Technologies Lab – University of Bologna**
Research Fellowship
- 04/2021 – 09/2021 **AI Research Intern at i2CAT Foundation – Barcelona**
Erasmus+ Traineeship

Projects

- 04/2022 – present **Multimodal Argument Mining**
Research Group: Language Technologies Lab
Department of Computer Science and Engineering (DISI), University of Bologna, Italy
- 01/2022 – 10/2022 **Vague Clauses Detection in Privacy Policies under the GDPR**
Research Group: Language Technologies Lab
Department of Computer Science and Engineering (DISI), University of Bologna, Italy

01/2022 – 10/2022	Cross-lingual annotation projection for multilingual legal analytics Research Group: Language Technologies Lab Department of Computer Science and Engineering (DISI), University of Bologna, Italy
04/2021 – 12/2021	European Project H2020 - 5GMED Ambient Intelligence – Disruptive Situations Detection on Public Transports through Speech Emotion Recognition Research Group: Department of Distributed Artificial Intelligence (DAI), I2CAT Foundation, Barcelona, Spain
01/2021 – 09/2021	Natural Language Processing – Automatic Analysis of Depression on COVID19 tweets
04/2021 – 06/2021	Ambient Intelligence – Improvement of Home Automation Systems through Speech-To-Text (STT)
01/2021 – 02/2021	Text Mining – Drugs Review Sentiment Analysis
04/2021 – 07/2021	Causal Inference on Medical Data
11/2019 – 12/2019	PartyNAO - Realization of a system capable of generating a constrained sequence of dance moves for the humanoid robot NAO
04/2020 – 02/2021	Deep Image Deblurring
02/2019 – 07/2019	Speech Recognition - Creation of a chatbot on a humanoid robot

Publications

- Eleonora Mancini, Federico Ruggeri, Andrea Galassi, and Paolo Torroni. 2022. [Multimodal Argument Mining: A Case Study in Political Debates](#). In *Proceedings of the 9th Workshop on Argument Mining*, pages 158–170, Online and in Gyeongju, Republic of Korea. International Conference on Computational Linguistics
- Mancini, Eleonora (2021) Disruptive Situations Detection on Public Transports through Speech Emotion Recognition. [Laurea magistrale], Università di Bologna, Corso di Studio in Artificial intelligence [LM-DM270] [<https://amslaurea.unibo.it/24721/>](https://amslaurea.unibo.it/24721/)

Awards and Honors

- 12/2022 **Best Doctoral Consortium Paper Award at AIIA 2022**
21st International Conference of the Italian Association for Artificial Intelligence
Paper Title: "Data Representation, Fusion and Explainability in Multimodal Deep Learning for Natural Language Processing "
- 04/2022 **INPS university scholarship**
- 12/2019 **First Place in the standings in the "NAO Planning Competition 2019"**
- 12/2018 **Study Award for for deserving students enrolled in courses of study in the 2016/17 academic year of particular national and community interest at the University of Bologna**

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