



Eleonora Gualdoni

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● WORK EXPERIENCE

01/11/2020 – CURRENT – Barcelona, Spain

PHD STUDENT IN THE AMORE PROJECT – Universitat Pompeu Fabra

I am PhD student at UPF, funded by the **AMORE project** - A distributional MOdel of Reference to Entities -, and a member of the **COLT group**: COmputational linguistics and Linguistic Theory.

The aim of our research is to enable machines to connect language to reality, and to seek an understanding of how people make this connection when they talk. The project thus explores the phenomenon of reference in natural language via computational modeling experiments, and we are particularly interested in the interaction of language with conceptual knowledge, on the one hand, and the extralinguistic context, on the other.

<https://www.upf.edu/web/amore>

01/03/2020 – 31/05/2020 – Amsterdam, Netherlands

VISITING STUDENT AT ILLC – University of Amsterdam

I have worked on my thesis at the **ILLC** - Institute for Logic, Language and Computation - in the Dialogue Modeling Group, focused on the relationship between language and vision.

The title of my thesis was: *Exploring the language of grounded and ungrounded referring expressions in human dialogues*.

I have been funded by an **Erasmus scholarship** for research purposes.

Paper: Grounded and Ungrounded Referring Expressions in Human Dialogues: Language Mirrors Different Grounding Conditions. To appear in Proceedings of **CLiC-it2020**.

01/11/2019 – 01/02/2020 – Trento, Italy

RESEARCH INTERN AT FBK – Fondazione Bruno Kessler - NLP Research Unit

I have worked on a project about personality detection through *multimodal* analysis.

My research was focused on the analysis of linguistic and visual features of YouTube videos and their correlation with the attractiveness that YouTubers manage to elicit in their subscribers.

01/05/2018 – 14/10/2020 – Trento, Italy

RESEARCH INTERN AT CLIC LAB – CLIC lab - Language, interaction and computation laboratory

Project 1: Work on corpora of **Language and Vision**.

Paper: *Be Different to Be Better!* A Benchmark to Leverage the Complementarity of Language and Vision. To appear in **Findings of EMNLP2020**.

Website: <https://sites.google.com/view/bd2bb/home>

Project 2: Work on Universal Grammar and Distributional Semantics. Analysis of how the order of adjectives can influence the vectors of phrases in a semantic space.

Paper: Adjective Ordering: a Compositional Distributional Semantics Approach. To appear in Findings of **TExMod2020**.

● EDUCATION AND TRAINING

12/09/2018 – 14/10/2020 – Rovereto (TN), Italy

MASTER'S DEGREE IN COGNITIVE SCIENCE - LANGUAGE AND MULTIMODAL INTERACTION – CIMEC - University of Trento

- o Introduction to Machine Learning for NLP
- o Computational Linguistics
- o Human Language Technologies
- o Computational skills for text analysis
- o Research Design
- o Advanced Topics in Language and Cognition
- o Introduction to Human Language
- o Logical Structures in Natural Language
- o Mathematics for Data Science
- o Cognitive Psychology
- o Functional Anatomy of Language
- o Current topics in Language and Brain

- Good knowledge and experience in **Python**

110/110 cum laude | <https://www.cimec.unitn.it>

08/06/2017 – 06/07/2017

HARVARD SUMMER SCHOOL AT CIMEC – Harvard University

I took the class “**Windows into the Structure of the Mind and Brain**”(broad understanding of the mind and brain) and attended lectures, workshops and scientific talks to learn cognitive neuroscience from the leaders in field.

I was one of the three Italian students admitted to the program.

I successfully passed the exam and gained 4 ECTS in MBB S-101 at Harvard University.

05/10/2015 – 10/07/2018 – Milano

BACHELOR'S DEGREE IN PHILOSOPHY – Università Vita-Salute San Raffaele

Analytical Philosophy (Logic, Philosophy of Science, Epistemology, Experimental Epistemology, Linguistics, Philosophy of Language), Cognitive Psychology, Bioethics, Moral Philosophy.

I gained one of the six *full scholarship* for Philosophy students for my high school results, after an exam.

110/110 cum laude

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

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

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

● DIGITAL SKILLS

Programmin language PYTHON | Latex Software | R environment | Microsoft Office