

CONTACT

- in carlosml26
- CarlosMalaga26
- Knowgraph Project

GRANTS

Q Marie Skłodowska Curie grant

PhD grant 2020

PhD under the Marie Skłodowska-Curie grant.

Q Erasmus Mundus Grant

MSc grant 2019

Erasmus+ grant for pursuing the Erasmus Mundus jointly Master degree

Q Erasmus+ grant

BSc grant 2018

Erasmus+ grant for the mobility at Charles University of Prague (Czech Republic).

Honors Student

Bachelor

Honors Student in BSc in Software Engineering.

Abelardo Carlos Martínez Lorenzo

PhD student, 3rd year

Deep Learning & Natural Language Processing

Early Stage Researcher (ESR) under the Marie Skłodowska-Curie grant in the Knograph project - European Union's Horizon 2020 research and innovation programme

Interested in multilingual and cross-lingual semantics, especially Semantic Parsing with auto-regressive models.

EXPERIENCE

NLP Researcher

Babelscape (Italy)

2020 - ongoing

Research: Multilingual and Cross-lingual Semantics with a focus on

- · Semantic Role Labeling
- · Word Sense Disambiguation
- · Semantic Parsing

EDUCATION

PhD - Computer Science

Sapienza University of Rome (Italy)

Advisor: Roberto Navigli

Grant: Marie Skłodowska-Curie grant
Project: EU-Horizon 2020 - KnowGraphs

Area: Multilignual Sematics

MSc - Big Data Management and Analytics (BDMA)

Erasmus Mundus Joint Master Degree Programme

Thesis: "Reasoning and Prediction in Knowledge Graphs"

- · Final grade: 8 / 10
- · Grade Point Average: 8 / 10

Technische Universität Berlin (Tu-Berlin):

- · 2019/20 Germany
- Main Course: Large Scale Analytics

Universitat Politècnica de Catalunya (**UPC**):

- · 2019 Spain
- Main Course: Big Data Fundamentals

Université Libre de Bruxelles (ULB)

- · 2018 Belgium
- · Main Course: Business Intelligence Fundamentals

BSc - Software Engineering

Universidad Málaga (Spain)

Thesis: "Real-time Communication System for Malaga's firefighters"

- · Final grade: 9.0 / 10
- · Grade Point Average: 8.5 / 10
- Erasmus: Univerzita Karlova v Praze (Czech Republic)

2018 - 2020

2020 - ongoing

2014 - 2018

SKILLS

Deep Learning	3+ yrs
NLP	2+ yrs
Cross-lingual NLP	2+ yrs
Semantics	2+ yrs
Semantic Parsing	2+ yrs
Knowledge Graphs	4+ yrs
Teaching	2+ yrs

PUBLICATIONS

2022

<u>Abelardo Carlos Martínez Lorenzo</u> , Marcu Maru, Roberto Navigli. Fully-Semantic Parsing and Generation: the BabelNet Meaning Representation.	ACL 2022
Roberto Navigli, Rexhina Blloshmi, <u>Abelardo Carlos Martínez Lorenzo</u> . BabelNet Meaning Representation: A Fully Semantic Formalism to Overcome Language Barriers.	AAAI 2022
Pere-Lluís Huguet Cabot*, <u>Abelardo Carlos Martínez Lorenzo</u> *, Roberto Navigli. AMR Alignment: Paying Attention to Cross-Attention.	Under review
The National Paying Accordion to 01000 Accordion	

ATTENDANCE

The 36th Conference of the Association for the Advancement of Artifi-	Conference
cial Intelligence AAAI - Online (February 2022).	
The Joint Conference of the 60th Annual Meeting of the Association	Conference
for Computational Linguistics. ACL - Dublin, Irland (May, 2022).	
The 6th International Summer school in Deep Learning. DeepLearn -	Summer School
Gran Canaria, Spain (Summer 2022).	
Knowgraphs ITN Workshop in Transversal Skills. Vienna, Austria (April	Workshop
2022).	
Knowgraphs ITN Workshop in Transversal Skills. Groningen, Nether-	Workshop
lands (September 2022).	

OTHER

- Reviewed papers for top conferences.
- Teaching assistant for the MSc course on NLP at Sapienza University of Rome.