

Elena Álvarez Mellado

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🎓 EDUCATION

MS Computational Linguistics, Brandeis University Graduation expected: May 2020

Relevant courses: *Fundamentals of Computational Linguistics; NLP Annotation for Machine Learning; NLP in Python; Programming in Java; Data Structures & Algorithms; Mathematical Methods in Linguistics.*

BA Linguistics, Universidad Complutense de Madrid 2008-2010

Visiting student at Université Paris-Diderot Paris 7 (France) in 2009.

Relevant courses: *Morphology; Syntax; Semantics; Pragmatics; Sociolinguistics; Intro to NLP in Prolog.*

Final project: *AZRAEL. A rule-based automatic language detector in Prolog.*

Medical School, Universidad Complutense de Madrid 2005-2008

Three entire years completed. No degree awarded.

Relevant courses: *Anatomy; Physiology; Histology; Biochemistry; Pathology; Genetics; Organography; Biostatistics; Medical Physics; Immunology; Microbiology; Pharmacology; Radiology; Epidemiology.*

🔧 SKILLS

Programming skills: Java, Python (NLTK, spaCy, sklearn), Prolog, regex, MySQL.

Languages: Spanish (native), English (fluent; TOEFL: 112; CPE: A), French (basic).

👛 WORK EXPERIENCE

Research Assistant at UNED School of Computer Science (Madrid, Spain) 2017-2018

Research Assistant at the Digital Humanities Lab at UNED University.

– Developed and evaluated annotation guidelines for NER on Spanish medieval documents.

Corpus Linguistics Project Lead at Fundeu BBVA (Madrid, Spain) 2014-2015

Lead a corpus linguistics R&D project on the evolution of the Spanish language on the media during the 20th century. Project report, visualization and conclusions at: <http://fundeu.es/aracne/>

– Compiled corpus, programming, data analysis, directed quality assurance staff.

Analytical Linguist at Molino de Ideas (Madrid, Spain) 2010-2016

– Developed linguistic rules for NLP resources in Spanish (lemmatisation, POS-tagging).

– Designed and implemented in Prolog a set of rule-based morphological analyzers for Latin language (declensor, syllabifier, time-machine simulator). <http://molinarium.com/>

– Annotated and evaluated results of NLP resources.

– Wrote technical documentation and provided user support of NLP API platform.

– Took part in activities and events on Linguistics and language technology dissemination.

Internship Student at Lingway-Eptica (Paris, France) 2010

– Annotated keywords for automatic CV matching.

📖 PUBLICATIONS

– Álvarez Mellado, E.; Martín-Fuertes, L. (2018). *Aracne: estudio de la variación lingüística en la prensa española entre 1914-2014* in Artnodes 22: 7-12. UOC. [Peer-reviewed article]

– Álvarez Mellado, E. (2016). *Anatomía de la lengua*. Larousse. [Book]

🗣️ OUTREACH & DISSEMINATION

– Editorial board member and columnist at popular Linguistics magazine *Archiletras* (2018-).

– Language columnist for Spanish national newspaper *eldiario.es* (2017-).

– Radio contributor at Spanish National Radio on weekly section about linguistics (2012-2015).

☆ HONORS & AWARDS

– LaCaixa Fellowship for graduate studies in the US. 40 Spanish students selected yearly (2018).

– National Journalism Award 'Miguel Delibes'. Awarded to one person per year (2017).

– First award at the Arquímedes National Contest for Young Researchers. Awarded by the Spanish Ministry of Science and Education (2009).