Elena Álvarez Mellado

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EDUCATION

Brandeis University   Graduation expected: May 2020
MS Computational Linguistics. GPA: 4.0
Related courses: *Fundamentals of Computational Linguistics*; *NLP Annotation for Machine Learning*; *NLP in Python*; *Programming in Java*; *Advanced Programming Techniques*; *Data Structures and Algorithms*; *Mathematical Methods in Linguistics.*

Universidad Complutense de Madrid   2010
BA Linguistics. GPA: 3.1.
Visiting student at Université Paris 7 (France) in 2009.
Related courses: *Morphology; Syntax; Semantics; Pragmatics; Sociolinguistics*
Final project: *AZRAEL. A rule-based automatic language detector in Prolog.*

Universidad Complutense de Madrid   2005-2008
Medical School
Three entire years completed. No degree awarded.
Related courses: *Anatomy; Physiology; Histology; Biochemistry; Pathology; Genetics.*

SKILLS

Programming skills: Java, Python (`NLTK`, `spaCy`, `sklearn`), Prolog, regex, MySQL.
Languages: Spanish (native), English (fluent; TOEFL: 112; CPE: A), French (basic).

EXPERIENCE

Research Assistant   School of Computer Science, UNED
Madrid, Spain   2017-2018
Research Assistant at the Digital Humanities Lab of the School of Computer Science at UNED University. Annotation guidelines for NER on historical texts.

Corpus Linguistics Project Manager   Fundéu 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. `http://fundeu.es/aracne/`
– Compiled corpus, programming, data analysis, directed quality assurance staff.

Analytical Linguist   Molino de Ideas
Madrid, Spain   2010-2016
– Developed morphological rules for NLP resources for Spanish language.
– Developed and implemented in Prolog a set of rule-based morphological analyzers for Latin language (declensor, syllabifier, time-machine simulator).
– Designed, annotated and evaluated results of NLP resources.
– Wrote technical documentation and provided user support of NLP API platform.

Internship Student   Lingway-Eptica
Paris, France   2010
– Annotated keywords for automatic CV matching.

PUBLICATIONS

– **Álvarez Mellado, E.**; Martin-Fuertes Moreno, L. (2018). *Aracne: estudio de la variación lingüística en la prensa española entre 1914-2014.* in *Humanidades digitales: sociedades, polticas, saberes.* Artnodes. 22: 7-12. UOC. [Peer-reviewed article]
– **Álvarez Mellado, E.** (2016). *Anatomía de la lengua.* Larousse. [Book]

DISSEMINATION ACTIVITIES

– Editorial board member and writer at linguistics magazine *Archiletras* (2018-)
– Language columnist for Spanish national newspaper *eldiario.es* (2017-)
– Radio contributor at Spanish National Radio on section about linguistics (2012-2015)

HONORS & AWARDS

– LaCaixa Fellowship for graduate studies in the US. 40 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 Ministry of Science and Education, 2009.