

# Elena Álvarez Mellado

✉ ealvarezmellado@gmail.com · 🏠 Somerville, Massachusetts

in [linkedin.com/in/elenaalvarezmellado](https://www.linkedin.com/in/elenaalvarezmellado) · 🐙 [github.com/lirondos](https://github.com/lirondos) · 📄 [lirondos.github.io](https://lirondos.github.io) · 🐦 @lirondos

---

## 🎓 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.*  
Course projects on: Sentiment analysis; Corpus linguistics; Metaphor and non-literal language classification.

**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, numpy, pandas), 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 staff, wrote peer-reviewed publication.

**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.  
– Participated in conferences 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. <http://doi.org/10.7238/a.v0i22.3209> [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-) <http://goo.gl/6M7hbT>
- 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).