

NLP Researcher

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SKILLS & FRAME- WORKS

Vicomtech

📍 Donostia, Spain

- Research in NLP field focused on Spanish, Basque and other European languages
- Developing of text classification, text summarization, topic modeling and entity recognition and named entity linking models
- Scraping and processing of unstructured textual data
- Implementation of AI services

Prosodie-Capgemini

📍 Madrid, Spain

- Training and error analysis of natural language understanding models
- Monitoring and improvement of the user experience
- Creation and tuning of corpus linguistics and grammars

Intercom Strategies

📍 Madrid, Spain

- Developed an automatic system for analysis of political discourse in social networks with NLP techniques.
- Was responsible for the processing of unstructured texts and annotated corpora.
- Trained machine learning models for text classification and clustering.

Sigma Technologies

📍 Madrid, Spain

- Participated in projects that consisted of the evaluation of automatic speech recognition and synthesise systems.
- Annotated corpus linguistics according to in-home guidelines.

I.T. Co

📍 Moscow, Russia

- Designed and performed the marketing and advertising campaigns.
- Created content for e-mail campaigns, landing pages and webinars.
- Administrated the company's website.

Altapress

📍 Barnaul, Russia

- Wrote news, articles, interviews.
- Planned the content of a weekly newspaper, was responsible for a heading.

Computational linguistics Statistics

Python Javascript Machine Learning

Deep Learning Transformers

Sklearn Information Retrieval

Data Visualization Linux Anaconda

PyCharm Selenium Flask FastAPI

Docker Pandas Elasticsearch Git

EDUCATION

University of the Basque Country, IXA
Group, Spain

 Oct 2019 – Ongoing

University of the Basque Country, Faculty
of Informatics, Spain

📅 Sep 2017 – Sep 2019

Altai State University, Russia

📅 Sep 1999 – June 2004

LANGUAGES

Russian
English
Spanish
Basque



PUBLICATIONS

Conference Proceedings

- Álvarez, Aitor et al. (2021). "GAMES: Generación automática de metadato y contenido para medios y archivos en euskera". In: *Proceedings of the Annual Conference of the Spanish Association for Natural Language Processing: Projects and Demonstrations (SEPLN-PD 2021) co-located with the Conference of the Spanish Society for Natural Language Processing (SEPLN 2021)*. Vol. 2968, pp. 9–12.
- Zotova, Elena, Aitor García-Pablos, and Montse Cuadros (2021). "Vicomtech at MEDDOPROF: Automatic Information Extraction and Disambiguation in Clinical Text". In: *Proceedings of the Iberian Languages Evaluation Forum (IberLEF 2021) co-located with the Conference of the Spanish Society for Natural Language Processing (SEPLN 2021)*. Vol. 2943, pp. 776–787.
- García-Pablos, Aitor et al. (2020). "Vicomtech at eHealth-KD Challenge 2020: Deep End-to-End Model for Entity and Relation Extraction in Medical Text". In: *Proceedings of the Iberian Languages Evaluation Forum co-located with 36th Conference of the Spanish Society for Natural Language Processing, IberLEF@SEPLN*. vol. 2020, pp. 102–111.
- Garía-Pablos, Aitor, Montse Cuadros, and Elena Zotova (2020). "Vicomtech at CAPITEL 2020: Facing Entity Recognition and Universal Dependency Parsing of Spanish News Articles with BERT Models." In: *IberLEF@SEPLN*, pp. 52–59.
- Zotova, Elena, Rodrigo Agerri, Manuel Nuñez, et al. (2020). "Multilingual Stance Detection in Tweets: The Catalonia Independence Corpus". In: *Proceedings of The 12th Language Resources and Evaluation Conference*, pp. 1368–1375.
- Zotova, Elena, Montse Cuadros, et al. (2020). "Vicomtech at ALexS 2020: Unsupervised Complex Word Identification Based on Domain Frequency". In: *Proceedings of the Iberian Languages Evaluation Forum (IberLEF 2020), CEUR-WS, Malaga, Spain*, pp. 7–14.

Journal Articles

- Zotova, Elena, Rodrigo Agerri, and German Rigau (2021). "Semi-automatic generation of multilingual datasets for stance detection in Twitter". In: *Expert Systems with Applications* 170, pp. 114–547.
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