

Iago Alonso Alonso

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WORK EXPERIENCE

Denodo

- Java Full-Stack Software engineer May 2022 – Present
 - Collaborate in the development of new features on the Support and Community websites.
 - Assist in correcting bugs reported on the Support and Community websites.
 - Technologies: Java, Spring, Hibernate, SQL/VQL, Thymeleaf, JavaScript, HTML5, CSS3

SIA

- Technical security consultant in software development December 2018 – April 2021
 - Performing Static Application Security Testing (SAST) audits and their corresponding report
 - Creation of training material on secure development for the end client
 - Development of internal tools to facilitate the management of evidence found during SAST audits
 - Technologies: OWASP, CCN-CERT, Python 3, Flask/Jinja2, JavaScript, SQLite, HTML5, CSS3

Enxenio

- Software engineer December 2016 – November 2018
 - Maintenance of a GIS management application used by the Provincial Council of A Coruña to consult and maintain data from the Local Infrastructure and Equipment Survey (EIEL)
 - Maintenance of a GIS application used by the Principality of Asturias for the management of land consolidation
 - Technologies: Java, Java Swing, Struts, PostgreSQL, PostGIS

RESEARCH EXPERIENCE

LYS Group - Computer Science Faculty, University of A Coruña

- Research support technician May 2021 – April 2022
 - **Project 1:** Assistance in the development, implementation and evaluation of automatic answer extraction systems for questions written in natural language using deep learning techniques enriched with syntactic trees
 - Focus: Natural language processing (NLP), Image captioning, Question answering (QA)
 - **Project 2:** Fast Natural Language Parsing for Large-Scale NLP (FASTPARSE)
 - Focus: Sentiment Analysis, constituency parsing
 - Supervisors in both projects: Ph.D. Carlos Gómez Rodríguez and Ph.D. David Vilares
 - Technologies: Python 3, Bash, Hugging Face, Universal Dependencies, fastText

LYS Group - Computer Science Faculty, University of A Coruña

- Research support technician April 2016 – June 2016
 - Project: Fast Natural Language Parsing for Large-Scale NLP (FASTPARSE)
 - Supervisors: Ph.D. Carlos Gómez Rodríguez and Ph.D. David Vilares
 - Focus: Natural language processing (NLP), parsers, speed, accuracy, measure corpus
 - Technologies: Python 3

PUBLICATIONS

PAPERS

- [1] Iago Alonso-Alonso, [Ph.D. David Vilares](#) and [Ph.D. Carlos Gómez Rodríguez](#). The Fragility of Multi-Treebank Parsing Evaluation. In Proceedings of the 29th International Conference on Computational Linguistics (COLING 2022), pages 5345–5359, Gyeongju, Republic of Korea. *International Committee on Computational Linguistics*.
- [2] Iago Alonso-Alonso, [Ph.D. David Vilares](#) and [Ph.D. Carlos Gómez Rodríguez](#). LyS_ACoruña at SemEval-2022 Task 10: Repurposing Off-the-Shelf Tools for Sentiment Analysis as Semantic Dependency Parsing. In Proceedings of the 16th International Workshop on Semantic Evaluation (SemEval-2022), pages 1389–1400, Seattle, United States. *Association for Computational Linguistics*.
- [3] [Ph.D. Carlos Gómez Rodríguez](#), Iago Alonso-Alonso, and [Ph.D. David Vilares](#). How Important is Syntactic Parsing Accuracy? An Empirical Evaluation on Rule-Based Sentiment Analysis. *Springer Netherlands*. (JCR Q1) Published: 23 October 2017

EDUCATION

Computer Science Faculty, University of A Coruña - A Coruña, Galicia, Spain

- Master's degree of Computer Science - MUEI September 2014 – February 2017
 - Final work: Tool to manage access, deployment and publication of SaaS applications
 - Director: Ph.D. Xoán Carlos Pardo Martínez
 - Focus: Manage access, deployment, publication, SaaS applications
- Computer Science Degree - Software Engineer Mention September 2008 – September 2014
 - Final work: Client management and monitoring application for an association of people with autism spectrum disorder
 - Director: Ph.D. Maria de las Nieves Pedreira Souto
 - Focus: This final work was done as a volunteer contributor at ASPANAES in collaboration with the university

CERTIFICATIONS LANGUAGES

- [1] C1 Advanced – Score 199 (Grade B) from Cambridge Assessment English. Obtained on July 2023 (*Lifetime*)
- [2] B2 First – Score 173 (Grade B) from Cambridge Assessment English. Obtained on October 2020 (*Lifetime*)