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Andrea Morales Garzón

EDUCATION

Ph.D. Student in Data Science *December 2021 - Current*
University of Granada, Granada, España

Master Degree in Data Science *October 2020 - January 2022*
Academic record: 9.51/10
University of Granada, Granada, España

Master Degree in Computer Engineering *October 2018 - June 2020*
Academic record: 9.58/10 *(graduated with honors)*
University of Granada, Granada, España

Bachelor Degree in Computer Engineering *September 2014 - June 2018*
Specialization in Computer Science and Intelligent Systems
Academic record: 8.39/10
University of Granada, Granada, España

AWARDS

Award for the best academic record at the MSc Degree in Computer Engineering,
E.T.S. de Ingenierías Informática y de Telecomunicación,
Academic course: 2019-2020.

Award for the best master thesis at the MSc Degree in Computer Engineering, *E.T.S. de Ingenierías Informática y de Telecomunicación,*
Academic course: 2019-2020.

EXPERIENCE

Predoctoral fellow in Computer Science at University of Granada
Institution: University of Granada *February 2022 - Current*

Research Assistant at the Promotion and Assesment unit of the International Projects Office of the University of Granada
Institution: University of Granada, Vice-rectorate of Research and Transfer *September 2021 - January 2022*

H2020 European project Stance4Health, grant agreement No. 816303
Institution: University of Granada *February 2019 - August 2021*

  - *Project name: Stance4Health: Smart Technologies for personAlised Nutrition and Consumer Engagement (more info:* https://www.stance4health.com *)*

  - *Development of an intelligent specialized nutrition service to optimize microbiota activity and long-term consumer adherence.*
  - *Unification and standardization of European Food Composition Databases and commercial products into a single standardized one.*
  - *Lectures and talks associated with the project.*

GRANTS

Doctoral Fellowship
Financing organization: Department of Economic Transformation, Industry, Knowledge and Universities of the Junta de Andalucía *February 2022 - February 2026*

  - *Advisor: M.J. Martín-Bautista*
  - *Institution: University of Granada*
  - *Department: Computer Science and Artificial Intelligence*

Research initiation fellowship for Ms Students of the University of Granada
Financing organization: University of Granada *September 2019 - December 2021*

  - *Goal: Introduction to research through the elaboration of research papers and their publication, for Master students of the University of Granada*
  - *Institution: University of Granada*
  - *Department: Computer Science and Artificial Intelligence*

LANGUAGES

English Language Certificate — Level: C1, *September, 2020*
Certificate Advanced English, issued by Cambridge Assesment

English Language Certificate — Level: B2, *December, 2014*
Certificate Intermediate English, issued by Cambridge Assesment

English Language Certificate — Level: B1, *June, 2012*
Certificate Preliminary English, issued by Cambridge Assesment

COURSES

Crash course - Seminar on Language technologies: Deep Learning *1-3, June 2020*
San Sebastián - (Online), Institution: Vasque Country University (UPV/EHU), Spain

Course - Project Management — Certificate in Project Management *23, May 2021*
Online, Institution: Sara Ulla Díez, Instructores, issued by Udemy

Course - Research Project Writing step by step *24, May 2021*
Online, Institution: Agile Lee & Ureducation, Instructores, issued by Udemy

Course - Ionic 5: IOS, Android y PWAs app development, Angular *15, March 2020*
Online, Institution: Fernando Herrera, Instructores, issued by Udemy

English course en Brigthton (UK), *St Giles International, Upper Intermediate Level*

RESEARCH

Morales-Garzón, Andrea, *Gómez-Romero, Juan, Martin-Bautista, Maria J. (2021). A Word Embedding-Based Method for Unsupervised Adaptation of Cooking Recipes. IEEE Access* **(Q1)***, 9, 27389-27404, DOI: 10.1109/ACCESS.2021.3058559*

Morales-Garzón, Andrea, *Gómez-Romero, Juan, Martin-Bautista, Maria J. (2021, April). Semantic-aware transformation of short texts using word embeddings: An application in the Food Computing domain. In Proceedings of the 16th Conference of the European Chapter of the Association for Computational Linguistics: Student Research Workshop (pp. 148-154).*

Morales-Garzón, Andrea, *Gómez-Romero, Juan, Martin-Bautista, Maria J. (2020, June). A word embedding model for mapping food composition databases using fuzzy logic. In International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems (pp. 635-647). Springer, Cham.*

RELEVANT TALKS

Oral speaker at the I Forum for Research Equality Generation at the University of Granada, *9, February 2022*
Title: Predicting Learning in the Nutrition field, Institution: University of Granada

Speaker at the Python Conference 2021 in Spain - (PyConES), *2 y 3, October 2021*
Hosted online, Title: Introduction to bio-inspired algorithms with Python, Institution: Spanish Python Society

Speaker at the Python Conference 2020 in Spain - (PyConES), *3 y 4, October 2020*
Hosted online, Title: EDA and NLP basics: Exploring the innards of the Spanish poetry, Institution: Spanish Python Society

Poster presentation at I Conference on Epidemiology and Public Health: Researching in times of crisis, *18, December 2020*
Hosted online, Title: Comparison of a weekly menu with different European food databases in the framework of the H2020 Stance4Health Project, Institution: Institute of Biosanitary Research Granada

Co-author of oral talk at III Conference of Food, Nutrition and Dietetics. Combining community and personalized nutrition: new challenges.,
Hosted online, *23-27, November 2020*
Title: Development and evaluation of a nutritional database of traditional recipes from different european countries involved in the Stance4Health Project

Oral talk in the H2020 Stance4Health Annual Meeting, *10, September 2019*
Valencia, España, Organization: Horizon 2020 project Stance4Health, with Grant Agreement No. 816303