

Luis A. Ortega

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Experience

Visitor Researcher, *University of Cambridge* (Ongoing research on Uncertainty Estimation on Large Language Models with José Miguel Hernández Lobato.) 09/2023 – Present

Research Personnel, *Autonomous University of Madrid* (Ph.D. Student granted with FPI-UAM Scholarship with Daniel Hernández Lobato.) 12/2021 – Present

Research Assistant, *University of Almería* (Worked with Andrés R. Masegosa studying the effect of diversity on Deep Neural Network ensembles.) 02/2021 – 12/2021

Publications

1. **Deep Variational Implicit Processes** [\[Link\]](#) [\[Code\]](#)
Luis A. Ortega, Simón Rodríguez-Santana and Daniel Hernández-Lobato
International Conference on Learning Representations (ICLR), 2023
2. **Diversity and Generalization in Neural Network Ensembles** [\[Link\]](#) [\[Code\]](#)
Luis A. Ortega, Rafael Cabañas and Andrés R. Masegosa
Artificial Intelligence and Statistics (AISTATS), 2022
3. **Correcting Model Bias with Sparse Implicit Processes** [\[Link\]](#) [\[Code\]](#)
Simón Rodríguez-Santana, Luis A. Ortega, Daniel Hernández-Lobato and Bryan Zaldívar
ICML 2022 Workshop "Beyond Bayes: Paths Towards Universal Reasoning Systems", 2022

Education

Ph.D. Student, *Autonomous University of Madrid* 2021 – Present

Thesis: *New Learning Methods based on Implicit Processes*

Advisor: Daniel Hernández Lobato

M.S. in Data Science, *Autonomous University of Madrid* 2020 – 2022

B.S. in Computer Science, *University of Granada* 2015 – 2020

B.S. in Mathematics, *University of Granada* 2015 – 2020

Honors & Awards

Granted FPI-UAM Scholarship. Competitive Predoctoral Contract for Training Research Personnel 2021
Department of Computer Science, Autonomous University of Madrid

Research Collaboration Scholarship 2020
Department of Computer Science, Autonomous University of Madrid

Granted Highest Mark on Bachelor's Thesis, 10/10. Statistical Models with Variational Methods 2020
Department of Computer Science and Faculty of Science, Granada

Open Source Repositories

Ludvins/Statistical-Models-with-Variational-Methods — ★8 2020
Bachelor's Thesis, Statistical Models with Variational Methods.

libreim/apuntesDGIIM — ★79 2017
Divulgarion Group Destinated to the Double Degree in Computer Science and Mathematics, Granada