Juan Martín Loyola

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🌐 jmloyola.github.io • in juanmartinloyola • 🐦 jmartinloyola

○ jmloyola • Generated on May 29, 2019

Education

○ Ph.D. in Computer Science, National University of San Luis	Apr 2017 – Present
○ B.S. in Computer Science, National University of San Luis	Mar 2010 – Mar 2017

Research Experience

○ National University of San Luis, Marcelo Luis Errecalde	Apr 2016 – Present
○ Machine learning and decision making in intelligent systems for the web	
○ National University of San Luis, Marcelo Luis Errecalde	Apr 2015 – Apr 2016
○ Tools and mechanisms for decision making in artificial intelligent agents	

Teaching Experience

○ Logic in Computer Science (Lógica para Computación), TA	F2019

Industry Experience

○ Software Engineer, Mercado Libre	Jan 2016 – Mar 2017

Graduate Coursework

○ Data Mining, M. L. Errecalde	S2018
○ Scientific Writing in English, C. Mirallas	S2018
○ Bayesian Data Analysis, O. A. Martin	S2018
○ Mathematics for Data Science, J. M. Alonso	F2018
○ Writing of Scientific Texts, M. Bussetti	F2018
○ Introduction to Data Science, O. A. Martin	F2018
○ Introduction to Deep Learning, E. Ferretti	S2017
○ Epistemology, V. Guyot	S2017
○ New Proposals for Similarity Searches in Metric Databases, N. Reyes	S2017

Honors & Awards

○ CONICET Doctoral Fellowship	2017 – 2022
○ Scholarship to attend the Machine Learning Summer School, Argentina	2018

Skills

Languages	Python, Java
Frameworks	NumPy, Pandas, PyTorch, SciPy
Systems	Linux, Windows

All Publications

Preprints and Tech Reports

[P1] A. A. Icazatti, **J. M. Loyola**, I. Szleifer, J. A. Vila, O. A. Martin, "Classification of rna backbone conformation into rotamers using 13c'chemical shifts: How far we can go?" *BioRxiv*, p. 559 302, 2019.

Conference Proceedings

[C1] **J. M. Loyola**, M. L. Errecalde, H. J. Escalante, M. Montes y Gomez, "Learning when to classify for early text classification," in *Computer Science – CACIC 2017*, A. E. De Giusti, Ed., Cham: Springer International Publishing, 2018, pp. 24–34, ISBN: 978-3-319-75214-3.

[C2] E. Ferretti, C. Sosa Toranzo, G. Aguirre, **J. M. Loyola**, L. Cagnina, M. L. Errecalde, "Toma de decisiones y aprendizaje en agentes artificiales inteligentes," es, in *XVIII Workshop de Investigadores en Ciencias de la Computación (WICC 2016, Entre Ríos, Argentina)*, 2016. [Online]. Available: http://hdl.handle.net/10915/52730.

Posters

[S1] **J. M. Loyola** and M. L. Errecalde, "Early Text Classification for Early Detection of Signs of Depression," in *MLSS*, 2018. [Online]. Available: http://jmloyola.github.io/files/posters/2018-MLSS.pdf.

[S2] **J. M. Loyola** and M. L. Errecalde, "Is it necessary to read the entire document to classify?" In *PyData San Luis*, 2017. [Online]. Available: http://jmloyola.github.io/files/posters/2017-PyData.pdf.