Juan Martín Loyola

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

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Education

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

Research Experience

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

Teaching Experience

o Logic in Computer Science, TA	F2019
o Data Structure and Algorithms, TA	S2019

Industry Experience

o Software Engineer, Mercado Libre	Jan 2016 – Mar 2017

Graduate Coursework

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

Honors & Awards

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

Skills

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

Service

Host	PyData Meetups San Luis
Contributor	PyMC3
Program Participant	Google Summer of Code 2019 with NumFOCUS: Bayesian Additive Regression Trees in PyMC3

All Publications   Google Scholar ID: EvpfZQMAAAAJ

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.