

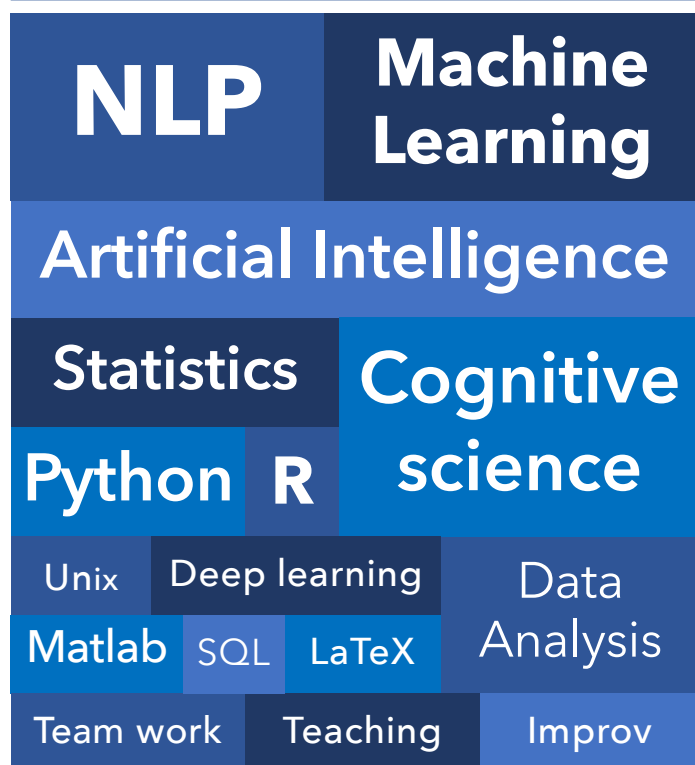
Giovanni Cassani

Bio

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As a data scientist, I combine knowledge of state-of-the-art statistical and **machine learning** techniques to implement and evaluate classification and prediction algorithms on real-world data. As a researcher, I build **A.I. systems** capable of learning words and concepts the way children do, inspired by the latest findings in neuroscience and computational linguistic. **Curious** and **self-starter**, I'm passionate about solving hard problems at scale at the intersection of **language, communication and technology**.

Skills



Languages



Interests



Work experience

Assistant Professor

@ Tilburg University (07.2019 - ongoing)
Teaching (NLP, computational linguistics, statistics) and research (computational psycholinguistics, data science)

Data Science Consultant

@ [Tooso A.I.](#), San Francisco, CA (03.2019 - 06.2019)
I have contributed to the data science effort on consumer intent prediction for multi-billion dollar retailers, developing Markov Chains and Deep Recurrent Neural Networks.

Education

PhD in Computational Psycholinguistics

@ University of Antwerp (2014 - thesis submitted)
Thesis on the acquisition of lexical categories from distributional and phonological information

Visiting researcher

@ University of Tübingen (03 - 04.2018)
Projects on discriminative learning

MSc in Cognitive Science

@ University of Trento (2012 - 2014)
110/110 *cum laude*
[Thesis](#) on image & text distributional semantic models

Projects

[MUPHASA](#): a Matlab toolkit for exploratory data analysis and visualization of multivariate phonetic data using convex hulls.

[VSEM](#): a Matlab toolkit for extracting semantic information from images (contributor)

Awards

Best Student Presentation

@ 11th International Conference on The Mental Lexicon, Edmonton 2018

Honor Program "[Bernardo Clesio](#)"

@ University of Trento, 2012 - 2014