

SORODOC IONUT-TEODOR

CONTACT INFORMATION

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Universitat Pompeu Fabra,
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RESEARCH INTERESTS

Computational Linguistics, Machine Learning, Computer Vision, Artificial Intelligence.

EDUCATION

Ph.D. in Translation and Language Sciences 2017-
Pompeu Fabra University, Barcelona, Spain.
Supervisor: Gemma Boleda

M.Sc. in Cognitive Science, Language and Multimodal Interaction 2014-2016
CIMEC, University of Trento, Rovereto, Italy.
Supervisor: Raffaella Bernardi

M.Sc. in Human Language Science and Technology 2014-2016
University of Malta, Malta.
Supervisor: Michael Rosner

B.Sc. in Computer Science 2010-2013
University of Bucharest, Romania.

PUBLICATIONS

What do entity-centric models learn? Insights from entity linking in multi-party dialogue

Co-authors: Laura Aina, Carina Silberer, Matthijs Westera, Gemma Boleda June, 2019
Conference: The 7th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL), Minneapolis, United States of America.

AMORE-UPF at SemEval-2018 Task 4: BiLSTM with Entity Library ([paper](#))

Co-authors: Laura Aina, Carina Silberer, Matthijs Westera, Gemma Boleda June, 2018
Conference: International Workshop on Semantic Evaluation 2018, New Orleans, United States of America.

Comparatives, Quantifiers, Proportions: A Multi-Task Model for the Learning of Quantities from Vision ([paper](#))

Co-authors: Sandro Pezzelle, Raffaella Bernardi June, 2018
Conference: The 6th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL), New Orleans, United States of America.

"Pay Attention to Those Sets!" Learning Quantification from Images. ([paper](#))

Co-authors: Raffaella Bernardi, Aurelie Herbelot, Sandro Pezzelle, Mariella Dimiccoli Accepted
Journal: Natural Language Engineering 24.3, 363-392. 2018

Multimodal topic labelling ([paper](#))

Co-authors: Tim Baldwin, Jey Han Lau, Nikolaos Aletras April, 2017
Conference: The 15th Conference of the European Chapter of the Association for Computational Linguistics (EACL), Valencia, Spain.

"Look, some green circles!": Learning to quantify from images ([paper](#))

Co-authors: Angeliki Lazaridou, Gemma Boleda, Raffaella Bernardi, Aurelie Herbelot, Sandro Pezzelle August, 2016
Conference: 5th Workshop on Vision and Language at ACL, Berlin, Germany.

Aggregation methods for efficient collocation detection. ([paper](#))

Co-authors: Liviu Dinu, Anca Dinu May, 2014
Conference: Ninth International Conference on Language Resources and Evaluation (LREC), Reykjavik, Iceland.

WORK
EXPERIENCE

Research Intern

*Facebook AI Research, New York.
Supervisor: Tomas Mikolov*

June 2018 - October 2018

Research Assistant

*University of Trento, Italy.
Supervisor: Raffaella Bernardi*

February-September 2017

Research Intern

*University of Melbourne, Australia.
Supervisor: Tim Baldwin*

August 2016 - November 2016

Backend Developer

dev.Label, Bucharest.

May 2014 - August 2014

PROJECTS

- **Researcher** - EU, Horizon 2020 European Research Council Starting Grant 715154 ("2017 - 2022 AMORE: A distributional MODEL of Reference to Entities"), 1.5 Million, Universitat Pompeu Fabra
- **Member** - The European Network on Integrating Vision and Language (iV&L Net) ICT COST Action IC1307

TEACHING

Teaching Assistant: Empirical methods for studying language
BA Applied languages, Pompeu Fabra University

AWARDS

- **Erasmus Mundus Scholarship**,
to study on EM-LCT Program for 2 years (2014-2016), European Commission.
- ACM SouthEastern European Region participation, 2011.
- Participated in the National Computer Science Olympiad 2009, 2008.
- 2 special mentions at the National Physics Olympiad 2008, 2005.

FURTHER
TRAINING

2nd Summer School on Integrating Vision & Language: Deep Learning.
March, 2016, Malta.

27th European Summer School in Logic, Language and Information (ESSLLI 2015).
August, 2015, Barcelona, Spain.

PROGRAMMING

- Python (Advanced).
- C/C++, PyTorch, Keras (Intermediate).
- Tensorflow, Torch, Java, Scripting (Basic).
- Strong knowledge of algorithms and data structures.

LANGUAGES

- Romanian: native.
- English: proficient.
- German: basic knowledge.