

Angeliki Lazaridou

CONTACT INFORMATION

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RESEARCH INTERESTS

Natural language processing
Artificial Intelligence
Computer Vision
Machine Learning

EDUCATION

Ph.D. Computational Linguistics

University of Trento - Center for Mind/Brain Sciences, Trento, Italy
Expected Completion: December 2016
Supervisor: Prof. Dr. Marco Baroni

M.A. Computational Linguistics

Saarland University, Saarbrücken, Germany, December 2012
Overall Final Grade: sehr gut (1.4) – *best is 1.0*
A Bayesian Model for Joint Induction of Sentiment, Aspect and Discourse Information
Supervisors: Dr. Ivan Titov, Dr. Caroline Sporleder

B.Sc. Informatics and Telecommunications

University of Athens, Athens, June 2010
Overall Final Grade: 7.95 (out of 10)
Thesis: Entity-level sentiment classification of textual data from the web (*in greek*)
Supervisors: Dr. George Paliouras, Prof. Dr. Panagiotis Stamatopoulos

EMPLOYMENT

Siemens HealthCare

June 2015 - Sept 2015

Medical Imaging and Computer Vision Lab, Princeton, NJ, USA
Research Intern (full-time)

Developing a system based on recurrent neural networks for the decoding of brain activation signal into sequences of words.
Supervisor: Dr. Francisco Pereira

Fondazione Bruno Kessler

July 2012 - Sept 2012

Trento, Italy

Student Intern (full-time)

Developing a system for conducting extrinsic evaluations of various entity linking techniques in the task of Machine Translation and improving Machine Translation of words in context by means of word sense disambiguation through entity linking in Wikipedia.
Supervisor: Claudio Giuliano

Saarland University

Jan 2011 - June 2011

Cluster of Excellence, Saarbrücken, Germany
Student Research Assistant (part-time)

Designing and implementing a Bayesian model for extracting and analyzing information regarding sentiment from product reviews.
Supervisor: Dr. Ivan Titov

NCSR “Demokritos”

Aug 2011 - Nov 2011

Institute of Informatics & Telecommunications, Athens, Greece

External Research Assistant (part time)

Designing and evaluating an automatic sentiment classification platform for news blog posts based on Conditional Random Fields.

Supervisor: Dr. George Paliouras

ACTIVITIES

Student Chair

Student Research Workshop at NAACL 2016

Area Chair

Language and Computation, Student Session ESSLI 2015

Reviewer

Artificial Intelligence Journal, NAACL 2016, ACL 2016, CoNLL 2016, EMNLP 2015, *Sem 2015, Student Session NAACL 2015, Student Session ACL 2014, ECML/PKDD 2012

MSc Student Supervision

Dat Tien Nguyen (MSc Thesis, completed), Laura Maria Bostan (internship, completed), Thanh Cong Le (internship, completed)

AWARDS

Facebook PhD Fellowship Finalist

January 2015, Facebook

Erasmus Mundus Scholarship,

to study on EM-LCT Program for 2 years (2010-2012), European Commission

Zosima Scholarship

2010, Ministry of Education

PROGRAMMING

Python, Matlab, Java (*advanced*)C/C++, Bash Scripting (*intermediate*)Haskell, Scheme, Prolog (*basic*)

OTHER

ACTIVITIES

Scouting

Active member of Greek Scouting (2003-2010).

Team scouting leader of children 7-12 years (2009-2010).

Sports

Flatwater kayak athlete (1998-2008).

Member of Greek National Team (2003-2006).

Participated in the 2005 Juniors European Championship (Plovdiv, Bulgaria).

LANGUAGES

Greek (*native*), English (*proficient*), French (*intermediate*), Italian (*basic*)

INVITED TALKS

Multimodal Learning and Reasoning**ACL 2016 Tutorial** with Desmond Elliott and Douwe Kiela**Multimodal Language Learning****University of Tubingen** (Collaborative Research Center “Construction of meaning”, December 2015), **Facebook AI Research** (September 2015), **University of Pennsylvania** (CLunch, September 2015), **IBM Watson NLP group** (July 2015)

PUBLICATIONS

The red one! Learning to predict attributes that discriminate a referent in a visual context. *Under Submission.*

Angeliki Lazaridou, Nghia The Pham and Marco Baroni

“Look, some green circles!”: Learning to quantify from images. *Under Submission.*

Ionut Sorodoc, Angeliki Lazaridou, Aurlie Herbelot, Sandro Pezzelle, Gemma Boleda and Raffaella Bernardi

Word-meaning induction from minimal exposure to natural text: a multi-modal computational model. *Under Submission.*

Angeliki Lazaridou, Marco Marelli, Marco Baroni

Multimodal Semantic Learning from Child-Directed Input. *Under Submission.*

Angeliki Lazaridou, Grzegorz Chrupaa, Raquel Fernandez, Marco Baroni

Linguistically-grounded vision. *Under Submission.*

Sandro Pezzelle, Raffaella Bernardi, Angeliki Lazaridou and Marco Marelli.

Improving zero-shot learning by mitigating the hubness problem. In ICLR 2015 Workshop Track.

Georgiana Dinu, Angeliki Lazaridou, Marco Baroni

Unveiling the Dreams of Word Embeddings: Towards Language-Driven Image Generation. In NIPS 2015 Workshop on Multimodal Machine Learning.

Angeliki Lazaridou, Dat Tien Nguyen, Raffaella Bernardi, Marco Baroni

Hubness and Pollution: Delving into Cross-Space Mapping for Zero-Shot Learning. In ACL 2015

Angeliki Lazaridou, Georgiana Dinu, Marco Baroni

A Multitask Objective to Inject Lexical Contrast into Distributional Semantics. In ACL 2015.

Nghia The Pham, Angeliki Lazaridou, Marco Baroni

Jointly optimizing word representations for lexical and sentential tasks with the C-PHRASE model. In ACL 2015.

Nghia The Pham, German Kruszewski, Angeliki Lazaridou, Marco Baroni

From visual attributes to adjectives through vector-based compositional semantics. In TACL. Angeliki Lazaridou, Georgiana Dinu, Adam Liska, Marco Baroni

Combining Language and Vision with a Multimodal Skip-gram Model. In NAACL, 2015/NIPS Learning Semantics Workshop, 2014.

Angeliki Lazaridou, Nghia The Pham, Marco Baroni

Coloring Objects: Adjective-Noun Visual Semantic Compositionality. In Vision and Language Workshop, COLING, 2014.

Dat Tien Nguyen, Angeliki Lazaridou, Raffaella Bernardi

Is this a wampimuk? Cross-modal mapping between distributional semantics and the visual world. In ACL, 2014. Angeliki Lazaridou, Elia Bruni, Marco Baroni

Cross-Language Authorship Attribution. In LREC, 2014.

Dasha Bogdanova, Angeliki Lazaridou

Fish transporters and miracle homes: How compositional distributional semantics can help NP parsing. In EMNLP, 2013.

Angeliki Lazaridou, Eva Maria Vecchi, Marco Baroni

Compositional-ly Derived Representations of Morphologically Complex Words in Distributional Semantics. In ACL, 2013.

Angeliki Lazaridou, Marco Marelli, Roberto Zamparelli, Marco Baroni

A Bayesian Model for Joint Unsupervised Induction of Sentiment, Aspect and Discourse Representations. In ACL, 2013.

Angeliki Lazaridou, Ivan Titov, Caroline Sporleder

ELS: a word-level method for entity-level sentiment analysis. In WIMS, 2011.

Nikolaos Engonopoulos, Angeliki Lazaridou, George Paliouras, Constadinos Chandrinou