Angeliki Lazaridou

CONTACT
INFORMATION

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RESEARCH
INTERESTS

Natural language processing
Multimodal meaning representations
Compositional distributional semantics and applications to parsing and morphology
Computer Vision
Sentiment Analysis

EDUCATION

Ph.D. Computational Linguistics

University of Trento - Center for Mind/Brain Sciences, Trento, Italy
Expected Completion: December 2015
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 – *best is 10.0*
Thesis: Entity-level sentiment classification of textual data from the web (*in greek*)
Supervisors: Dr. George Paliouras, Prof. Dr. Panagiotis Stamatopoulos

EMPLOYMENT

University of Trento - Fondazione Bruno Kessler
Via S. Croce 77, 38122
Trento, Italy

Student Intern (full-time)   **July 2012 - Sept 2012**
I worked in close collaboration with Claudio Guiliano. During my internship, I developed a
system for conducting extrinsic evaluations of various entity linking techniques in the task of
Machine Translation. At the same time, I worked in improving Machine Translation of words
in context by means of word sense disambiguation through entity linking in Wikipedia.

Saarland University - Computational Linguistics and Phonetics
Cluster of Excellence
Saarbücken, 66041, Germany

Student Research Assistant (part-time)   **Jan 2011 - June 2011**
I was employed in the group "Machine Learning for NLP", lead by Ivan Titov. My re-
sponsibilities were to design and implement a Bayesian model for extracting and analyzing
information regarding sentiment from product reviews.

NCSR "Demokritos"
Institute of Informatics & Telecommunications, Ag. Paraskevi 15310
Athens, Greece

External Research Assistant (part time) **Aug 2011 - Nov 2011**
 I was a employed by the European Project SYNC3 and supervised by Dr. George Paliouras.
 My responsibilities were to design and evaluate an automatic sentiment classification plat-
 form for news blog posts based on Conditional Random Fields.

ACTIVITIES **Area Chair**
Language and Computation, Student Session ESSLI 2015
Reviewer
∗SEM 2015, Student Session NAACL 2015, Student Session ACL 2014, ECML/PKDD 2012
MSc Student Supervision
 Dat Tien Nguyen, supervised on *Visual Semantic Compositionality* (internship, 2014) and *Image Generation of Linguistic Concepts* (MSc Thesis, ongoing).

 Laura Maria Bostan, supervising on *Applying Distributional and Compositional Semantics for Predicting Image Memorability* (internship, ongoing).

 Thanh Cong Le, co-supervising on *Applying Feature Inclusion For Detecting Hypernym Relations in Visual Concepts* (internship. ongoing).

AWARDS **Facebook PhD Fellowship Finalist**
January 2015, Facebook
Erasmus Mundus Scholarship,
to study on EM-LCT Program for 2 years (2010-2012), European Commision
Zosima Scholarship
2010, Ministry of Education

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

OTHER **Scouting**
ACTIVITIES 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*)

PUBLICATIONS **Angeliki Lazaridou, Marco Marelli, Marco Baroni**
Cross-modal mapping as an inference mechanism. *Under Preparation.*

 Angeliki Lazaridou, Georgiana Dinu, Marco Baroni
Understanding and improving cross-space mapping for zero-shot classification. *Under Review at ACL.*

Georgiana Dinu, Angeliki Lazaridou, Marco Baroni
Improving zero-shot learning by mitigating the hubness problem. In ICLR, 2015 (Workshop Track).

Angeliki Lazaridou, Georgiana Dinu, Adam Liska, Marco Baroni
From visual attributes to adjectives through vector-based decompositional semantics.
In Transactions of the Association for Computational Linguistics (TACL 2015).

Angeliki Lazaridou, Nghia The Pham, Marco Baroni
Combining Language and Vision with a Multimodal Skip-gram Model. In NAACL, 2015.
also appeared at NIPS 2014, Learning Semantics Workshop.

Dat Tien Nguyen, Angeliki Lazaridou, Raffaella Bernardi
Coloring Objects: Adjective-Noun Visual Semantic Compositionality. In Vision and Language
Workshop, COLING, 2014.

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

Dasha Bogdanova, Angeliki Lazaridou
Cross-Language Authorship Attribution. In LREC, 2014.

Angeliki Lazaridou, Eva Maria Vecchi, Marco Baroni
Fish transporters and miracle homes: How compositional distributional semantics can help NP
parsing. In EMNLP, 2013.

Angeliki Lazaridou, Marco Marelli, Roberto Zamparelli, Marco Baroni
Compositional-ly Derived Representations of Morphologically Complex Words in Distributional
Semantics. In ACL, 2013.

Angeliki Lazaridou, Ivan Titov, Caroline Sporleder
A Bayesian Model for Joint Unsupervised Induction of Sentiment, Aspect and Discourse Repre-
sentations. In ACL, 2013.

**Nikolaos Engonopoulos, Angeliki Lazaridou, George Paliouras, Constadinos Chandri-
nos**
ELS: a word-level method for entity-level sentiment analysis. In WIMS, 2011.