

Daniele Bonadiman

Curriculum Vitae

Date and Place of Birth: 24 February 1989, Italy

Address: Via della Novella 26, Sanzeno, Italy

Mail: d.bonadiman@unitn.it

INTERESTS Question Answering, Community Question Answering, Interactive Question Answering, Deep Learning, Natural Language Processing, Machine Learning.

EDUCATION *Summer school*, DeepLearn 2017 Jul 2017
International Summer School on Deep Learning 2017, Bilbao, Spain

PhD, Computer Science Nov 2016–Expected Oct 2019
iKernels Lab, DISI ,University of Trento, Trento, Italy
website: <https://ikernels-portal.disi.unitn.it/>
Supervisor: Prof. Alessandro Moschitti

MSc, Computer Science Sept 2012–Jul 2015
University of Trento, Trento, Italy
Thesis: “Learning to recognize Named Entities in text with Deep Neural Networks”,
Supervisors: Prof. Alessandro Moschitti, Aliaksei Severyn
Grade: 110/110 cum laude

Bachelor, Computer Science Sept 2008–March 2012
University of Trento, Trento, Italy
Thesis: “Evoluzione della piattaforma di emotion sharing: abilitazione del feedback utente in WHATSUP? DISPLAY”
Supervisor: Fabio Casati

EXPERIENCE *Intern - Department of Information Engineering and Computer Science , University of Trento* Sept 2015–Oct 2016

- Worked on automatic Question Answering (Factoid QA, Open Domain QA and Community QA) using Deep Learning techniques.
- Worked on Neural Twitter Sentiment Analysis in collaboration with an industrial partner.
- Worked on Cognet H2020 5G PPP project under the supervision of Alessandro Moschitti. <http://www.cognet.5g-ppp.eu/>
- Organizer of the NetCla ECML-PKDD 2016 Network Classification Challenge <http://www.neteye-blog.com/netcla-the-ecml-pkdd-network-classification-challenge/>

PUBLICATIONS K. Tymoshenko, D. Bonadiman and A. Moschitti, “*Ranking Kernels for Structures and Embeddings: A Hybrid Preference and Classification Model*”, in Proceedings of the Conference on Empirical Methods for Natural Language Processing (EMNLP 2017), September 2017.

D. Bonadiman, A. Uva, A. Moschitti, “*Effective shared representations with multitask learning for community question answering*”, in Proceedings of the Conference of the European Chapter of the Association for Computational Linguistics (EACL 2017). Valencia, Spain, April 2017.

K. Tymoshenko, D. Bonadiman and A. Moschitti, “*Learning to rank non-factoid answers: Comment selection in web forums*”, in Proceedings of the 25th ACM International on Conference on Information and Knowledge Management (CIKM 2016). Indianapolis, Indiana, October 2016.

K. Tymoshenko, D. Bonadiman and A. Moschitti, “*Convolutional Neural Networks vs. Convolution Kernels: Feature Engineering for Answer Sentence Reranking*.”, in Proceedings of the 2016 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT 2016). San Diego, California, June 2016.

A. Barron-Cedeno, D. Bonadiman, G. Da San Martino, S. Joty, A. Moschitti, F. A Al Obaidli, S. Romeo, K. Tymoshenko, A. Uva, “*ConvKN at SemEval-2016 Task 3: Answer and question selection for question answering on Arabic and English fora*.”, in Proceedings of the 10th International Workshop on Semantic Evaluation (SemEval 2016). San Diego, California, June 2016.

D. Bonadiman, A. Severyn, A. Moschitti, “*Recurrent Context Window Networks for Italian Named Entity Recognizer*.”, Italian Journal of Computational Linguistics vol. 2. 2016.

D. Bonadiman, A. Severyn, A. Moschitti, “*Deep neural networks for named entity recognition in Italian*.”, Proceedings of the Second Italian Conference on Computational Linguistics (CLiC-it 2015). Dec 2015.

AWARDS

Dec 2015 Best Paper Award at the Second Italian Conference on Computational Linguistics (CLiC-it 2015).

INFORMATICS SKILLS

Languages: Python, LUA, Java, Shell scripting.
Libraries: Tensorflow, Theano, Torch, Keras, Pandas, Numpy.
Version control systems: Git.
Operating Systems: Linux, OS X, Windows.
IDEs: PyCharm, Eclipse.

LANGUAGES

Italian: native.
English: B2