

PERSONAL INFORMATION

Alberto Testoni

EDUCATION AND TRAINING

September 2017 – July 2019 **Master Degree in Cognitive Science – 110/110 cum Laude****Course class: LM-55 Cognitive Science**

University of Trento – CIMEC – Italy

Track: Language and Multimodal Interaction

Official language: English

Thesis title: Hallucinating Vision in Neural Networks: The Case of Quantifiers.

January 2017 – September 2017 **Enrollment in Single Courses**

Alma Mater Studiorum University of Bologna - Italy

(Natural Language Processing; Theories and Systems of Artificial Intelligence; Cognitive Neurophysiology)

September 2013 - March 2017 **Bachelor Degree in Information Science for management - 110/110 cum Laude (Laurea in Informatica per il management)****Course class: L-31 Computer Science**

Alma Mater Studiorum University of Bologna – School of Science

Thesis title: Design and implementation of a general Human Activity Recognition system using embedded sensors and features selection algorithms.

2007 - 2012 **Scientific high school degree - 100/100 cum Laude (Diploma di maturità scientifica)**

Liceo Classico statale “Ludovico Ariosto” - Ferrara

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s): English

IELTS HELD ON 03 JUNE 2017

Overall score: 7.0 (C1)

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Organisational / managerial skills

▪ team work: I have worked in various types of teams (research teams and project teams for exams)

Digital competence

Programming languages:

▪ Python, Java, JavaScript, PHP, C, R, SQL, Jolie, Swift, NodeJs, Octave/Matlab, JSON, HTML, XML, CSS

ADDITIONAL INFORMATION

Academic Record – Master

Course	Credits	Mark (/30)	Course	Credits	Mark (/30)
Natural language processing	12	30	Human Language Technologies	6	30
Cognitive Neurophysiology	4	30 cum Laude	Intro to Human Language	6	30 cum Laude
Computational linguistics	9	30	Cognitive Psychology	6	29
Logical Structures in Natural Language	6	30	Current topics in Language and brain	6	30
Functional Anatomy of Language	6	30	Research design	9	30
Introduction to Machine Learning for Natural Language Processing	9	30 cum Laude	Internship	15	Approved

Honours and awards

- Honors diploma for Scientific high school degree (100/100 cum Laude) from Liceo Classico Statale “L. Ariosto” - Ferrara (2012)
- Annual award for Scientific studies from Liceo Classico Statale “L. Ariosto” - Ferrara (2012)
- Max Planck Society fellowship for attending The Cornell, Maryland, Max Planck Pre-doctoral Research School 2018 (CMMRS2018)

Training / Courses

- Excellence courses organized by the **Scuola Normale Superiore** in Pisa (Italy) for orientation university choice (2011).
- **Neural Networks and Deep Learning** by deeplearning.ai on **Coursera**. Certificate earned at Monday, September 24, 2018 - Verify at coursera.org/verify/73RTFAH42WZF
- **2nd International Summer School on Deep Learning 2018** (23th — 27th July 2018, Genova, Italy) organized by University of Genova & IRDTA-Brussels/London
- **The Cornell, Maryland, Max Planck Pre-doctoral Research School 2018 (CMMRS2018)** August 7-12, 2018, Saarbrücken, Germany) organised by Cornell University, University of Maryland, Max Planck Institute for Software Systems – topic: *Emerging Trends in Computer Science*
- **2019 Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL2019)** – June 2-7 2019, Minneapolis, USA.

Projects

The following university courses required the development of **software projects** for the exam: Laboratory of Internet Programming, Operating Systems, Algorithms and Data Structures, Data Bases, Software Engineering, Mobile Applications Laboratory, Web-related Technologies, Computational linguistics, Human Language Technologies, Introduction to Machine Learning for Natural Language Processing.

University experiences

- March 2016 - September 2016: internship of 275 hours (11 ECTS) at DISI Bologna (Department of Computer Science and Engineering) about “**study and experimental evaluation of meta-classification algorithms for data analysis**”.
- January 2018 – June 2018: Reading group on **Language and Vision** at CiMeC-University of Trento, LaVi (Language and Vision) research group, CLIC Lab
- September 2018 – December 2018: internship of 375 hours (15 ECTS) at CLIC Lab-CiMeC-University of Trento about “**a computational model for multisensory/multimodal quantification**”

Publications

- **Testoni A.**, Di Felice M., *A Software Architecture for Generic Human Activity Recognition from Smartphone Sensor Data*, Proceedings of the 2017 IEEE International Workshop on Measurements and Networking (**IEEE M&N 2017**), Naples, Italy, September 27-29, 2017, pp. 1–6.
 - Vu H., Greco C., Erofeeva A., Jafaritazehjan S., Linders G., Tanti M., **Testoni A.**, Bernardi R., Gatt A., *Grounded Textual Entailment* - Proceedings of the 27th International Conference on Computational Linguistics, August 20th-26th, 2018, Santa Fe, New Mexico, USA (**COLING 2018**).
 - **Testoni A.**, Pezzelle S., Bernardi R., *A computational model for multimodal quantification*, [to appear in] Proceedings of the 9th Workshop on Cognitive Modeling and Computational Linguistics, June 7th 2019, Minneapolis, Minnesota, USA (**CMCL 2019**) co-located with NAACL-HLT 2019.
 - Testoni, A., Shekhar, R., Fernánádez, R., & Bernardi, R., The Devil is in the Details: A Magnifying Glass for the GuessWhich Visual Dialogue Game, (to appear in) Proceedings of the 23rd Workshop on the Semantics and Pragmatics of Dialogue - SemDial, 2019.
- [See <http://albertotestoni.github.io> for the full list]