




Matteo Tiezzi– Curriculum Vitae

Personal Information

Address	Via Giuseppe Garibaldi, 1, 52046 - Lucignano (Arezzo), ITALY
Nationality	Italian
Date of Birth	3 rd October 1991
Voice (Mobile)	+39 3332826170
Email	mtiezzi@diism.unisi.it
	http://sailab.diism.unisi.it/people/matteo-tiezzi/
	https://github.com/mtiezzi/
	www.linkedin.com/in/mtiezzi

Current Position

2017- now **PhD Student**, Information Engineering - Artificial Intelligence and Machine Learning
University of Siena, Italy
Advisor Prof. Marco Maggini

Research Interests

I am generally interested in Artificial Intelligence, Machine learning, and other connected areas of computer science. My recent contributes are related to both the application of Deep Learning models to sequence and video analysis, regarding Computer Vision tasks, and foundational studies regarding novel learning algorithms and neural models. Moreover, my interests include models suited to structured data (Graph Neural Networks).

Education

2017 **M.S. (cum Laude)**, Computer and Automation Engineering (Information Systems)
Advisor Prof. Marco Maggini
Thesis:
Traffic events monitoring with recurrent neural networks

2014 **B.S.**, Computer and Information Engineering
Advisor Prof. Marco Maggini
Thesis:
Estrazione automatica di informazioni salienti da pagine Web con XPath
(Automatic extraction of relevant information from Web pages using XPath)

2010 Liceo Scientifico F. Redi - Arezzo, (AR) Italy
High school certificate of education ("Maturità Scientifica"), with mark 95/100

Publications - International Conferences

2020 M. Tiezzi, G.Marra, S. Melacci, M. Maggini, M. Gori:
Lagrangian Propagation Graph Neural Network
AAAI 2020 W8S Workshop (Deep Learning on Graphs: Methodologies and Applications - DLGMA'20)

- 2018** M. Tiezzi, S. Melacci, M. Maggini, A. Frosini:
Video Surveillance of Highway Traffic Events by Deep Learning Architectures
 International Conference on Artificial Neural Networks(ICANN2018) , 584-593
- 2018** A. Rossi, M. Tiezzi, GM. Dimitri, M. Bianchini, M. Maggini, F. Scarselli :
Inductive-Transductive Learning with Graph Neural Networks
 IAPR Workshop on Artificial Neural Networks in Pattern Recognition (ANNPR2018), 201-212

Attended Conferences and Workshops

- Oct.2018** International Conference on Artificial Neural Networks,
 Rhodes (Greece)
- June.2019** Summer School on Optimization, Big Data and Applications (OBA Summer School)
 Veroli (Italy)
- July.2019** Organizer and Speaker at the ACDL Satellite Workshop on Graph Neural Networks ,
 Siena (Italy)
- Oct.2019** Speaker at LinuxDay and Artificial Intelligence @ SIENA 2019,
 Siena (Italy)

Peer-Reviewer

International Conferences

International Conference on Artificial Neural Networks,
 ICANN 2019

Journals

IEEE Transactions on Neural Networks and Learning Systems,
 TNNLS
 Elsevier Neurocomputing

Grants and Awards

- Three years Ph.D. Scholarship at Department of Information Engineering, University of Siena, Siena, ITALY
- Recurrent neural networks for vehicle traffic event and state monitoring, DIISM and IsTech s.r.l. scholarship
- Premio Matteo 2017 (Matteo Lanzoni Prize), Best thesis on road safety
- SoBigData Soccer Data Challenge, Oct. 2018, member of the winning team

Internships

July 2016 - Jan. 2017

DIISM Siena - isTech S.r.l , Pistoia

I won a scholarship for a research internship at Dipartimento di Ingegneria dell'Informazione e Scienza Matematiche di Siena and IsTech s.r.l regarding the implantation and validation of a prototype system for vehicle traffic events monitoring, using recurrent neural networks.

June 2014 - Nov. 2014

QuestIt S.r.l , Siena

Analysis and information extraction from web pages

Use of XPath to extract relevant information from web pages as input to MySnooper service.

Computer skills

Operating Systems

Operating Systems: Windows (all versions), Linux (various distros, mainly Ubuntu)

Languages

C, C++, HTML, CSS, PHP, XML, Python

Development Env.

Microsoft Visual Studio, Pycharm, NetBeans

Applications

Microsoft Office, OpenOffice, Gimp, \LaTeX , Sony Vegas

Misc

Experience and knowledge of PC components, peripherals and networking.

Languages

Italian (mother tongue)

English (very good reading/writing skills, good oral skills)

Cambridge PET certification obtained (final score: Pass with Merit)

B2 english eligibility obtained during the M.S.