Silvia Severini
Curriculum Vitae

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Personal Information

Name	Silvia
Surname	Severini
Date of Birth	28 December 1995
Place of Birth	Jesi (AN), Italy
Nationality	Italian

Current

Nov 2019 - now **PhD Student in Natural Language Processing and Deep Learning**

at "LMU - Centrum für Informations und Sprachverarbeitung (CIS)" - Munich, Germany

Advisor: Prof. Dr. Hinrich Schütze

Education

Oct 2017 - Oct 2019 **Master Degree in Computer Science**
at "University of Pisa" - Dipartimento di informatica, Pisa, Italy

Curriculum: Artificial Intellingence

Title of Thesis: "Multi-task Deep Learning in the Software Development Domain"

Advisors: Prof. Dr. Florian Matthes, Dr. Davide Bacciu and Ahmed Elnaggar

Grade: 110/110 cum laude

Apr - Sept 2019: **Master thesis preparation**
at "TUM – Technische Universität München", Munich, Germany

Oct 2018 - Sept 2019 **Erasmus+ exchange program**
at "TUM – Technische Universität München", Munich, Germany

Sept 2014 - Oct 2017 **Bachelor Degree in Computer Science**
at "University of Bologna" - Facoltà di Scienze Matematiche, Fisiche e Naturali, Bologna, Italy

Title of Thesis: Studio preliminare per l'individuazione di regioni genomiche più diffuse tra le popolazioni

Advisor: Prof. Dr. Danilo Montesi

Grade: 110/110 cum laude

Sept - Dec 2016 **Overseas exchange student program**
at "University of Minnesota-Twin Cities", Minneapolis, US

2009 - 2014 **Secondary School Diploma**
at Istituto Tecnico Industriale Statale "Marconi", Jesi, Italy
Grade: 100/100

Awards

1st place at the "Fujitsu AI-NLP Challenge" 2018
with *Alessio Gravina, Federico Rossetto, Giuseppe Attardi*
Project: "Cross-Attentive Convolutional Neural Network"

Publications

Silvia Severini, Viktor Hangya, Alexander Fraser, Hinrich Schütze
"Combining Word Embeddings with Bilingual Orthography Embeddings for Bilingual Dictionary Induction." In Proceedings of the 28th International Conference on Computational Linguistics, 2020. (to appear)

Silvia Severini*, Viktor Hangya*, Alexander Fraser, Hinrich Schütze
"LMU Bilingual Dictionary Induction System with Word Surface Similarity Scores for BUCC 2020." In Proceedings of the 13th Workshop on Building and Using Comparable Corpora, 2020.

Alessio Gravina*, Federico Rossetto*, Silvia Severini*, Giuseppe Attardi*
"Comparative Study of Models for Answer Sentence Selection." In Proceedings of the Sixth Italian Conference on Computational Linguistics, 2019.

Alessio Gravina*, Federico Rossetto*, Silvia Severini*, Giuseppe Attardi
"Cross Attention for Selection-based Question Answering." In 2nd Workshop on Natural Language for Artificial Intelligence, 2018.

Languages

Italian: mother tongue
English: professional working proficiency

Technical skills

Good knowledge of Artificial Intelligence, Machine Learning and Deep Learning models, Natural Language Processing and Data Mining techniques
Good knowledge of Python, Matlab and C++
Discrete knowledge of C#/C, Bash, SQL, HTML and Java