Angelo Antonio Salatino

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EDUCATION

Open University   Milton Keynes, UK

Ph.D in Computer Science   expected 2017

Working on early detection of research trends and forecast their future impact:

- Design of an approach able to discover patterns in scholarly data

- Detection of embryonic research topics by analysing semantic topic networks

My research interests are centred around the Semantic Web and Knowledge Discovery technologies required to detect Research Trends.

Polytechnic of Bari   Bari, IT

Master of Computer Systems Engineering   2013

Dissertation in Human Computer Interaction: "*Design and Implementation of an innovative framework for Speech Emotion Recognition*"

Final grade: 110/110 cum laude

Relevant coursework: Artificial Intelligence, Web Languages and Technologies, Human Computer Interaction, Computer Vision

Polytechnic of Bari   Bari, IT

Bachelor of Computer Systems Engineering   2011

Dissertation in Antennas and Electromagnetic Compatibility: "*Use of the method of moments for the parametric design of planar antennas in broadband*"

Final grade: 100/110

Relevant coursework: Programming, Operative Systems, Networks, Control Systems

SSSW 2015   Bertinoro, IT

The 11th Summer School on Ontology Engineering and the Semantic Web   2015

ICON Summer School   Sampieri, IT

Constraint Programming meets Data Mining   2014

RESEARCH EXPERIENCE

Department of Electrical and Information Engineering (DEI),

Polytechnic of Bari   Bari, IT

Research Assistant   2014

- Design of a statistical model to detect Alzheimer's disease in elderly people based on EEG markers using machine learning techniques

Consorzio Interuniversitario Regionale Pugliese (CIRP)   Bari, IT

Research Assistant   2014

- Analysed and critiqued different algorithms for data cleaning, data transformation and data reduction
- Researched and explored data mining algorithms able to predict emergency situation in workplace

Department of Electrical and Information Engineering (DEI),

Polytechnic of Bari   Bari, IT

Research Assistant and Software Engineer   2013

- Design of a project to investigate the resonance between two people during a job interview.
- Design and implementation of a software module able to read multimedia contents (video and audio), extract features from speech and process this information through statistics (dimensionality reduction) and machine learning techniques (ANN, SVM). Integration of this module in a commercial software (SS-RR PON FIT).

SKILLS

- Languages: C/C++, Java, MATLAB, Weka, R, Praat
- Web technologies: HTML, CSS, PHP, JavaScript, XML, JSON, Ajax
- Experience on machine learning, data mining, signal processing and image processing applications, community detection
- Framework and libraries: Qt Framework, OpenCV and FFMPEG
- Databases: MySQL, PostgreSQL

PUBLICATIONS

Publications: 5 proceedings articles. Full list: http://goo.gl/XwUbux

ADVISORS

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