

Andrea Astarita

17th August 1983

Milan, Italy

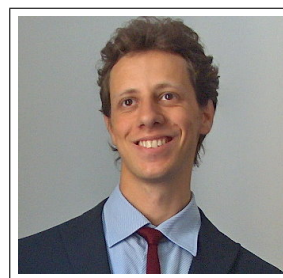
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Experience

Engineering oriented

- 15/05/2012, Currently
Biomedical Engineer, ISILS: Istituto Sperimentale Italiano Lazzaro Spallanzani, Località La Quercia, 26027 Ricolta d'adda (Cr).
Planning and development of a DataBase in MySql language. Development of a website for internet access to the DB, in PHP and HTML languages, supported by JavaScript libraries. Implementation and development of Statistical Analysis in order to realize statistical control quality, by means of R software and using Generalized Linear Models(GLM) and ANOVA techniques. The final client of the project is CTGP(Consorzio Tutela Grana Padano DOP).
- 9/04/2011, 09/11/2011
Control Quality Consultant, PQE: Pharma Quality Europe, Via Brunetti degli innocenti 2, 50063 Figline Valdarno(FI).
Analysis, validation and control many of the main technologies used by pharmaceutical and medical device companies, for manufacturing, laboratory testing, storage and packaging of products, product safety testing, storage and organization, retrieval and processing of data, etc.. Writing and reviewing standard operating procedures (SOP Management), compiling documentation in accordance with European standards and FDA.
- 10/01/2011, 10/04/2011
IT Consultant, Value Team SPA, Viale Cassala 14/A, 20143 Milano.
Study and management of CIT/CRM systems used in the main call Center. Installation and development of Genesys platform, IVR, Voice Recording, Voice over IP technology, networking, DataBase and telephoning systems.
- 20/09/2010, 31/12/2010
IT Consultant, Enigen, Piazzale Biancamano, 8, 20121 Milano.
Technical support in implementation database Siebel Oracle, in a project about sales and CRM promotion for SKY.
- 05/07/2010, 30/07/2010
Sales Engineer, Lonos Test Universal Testing Machine, Via Mentana 17, 20052 Monza.
Translation normative english-italian, italian-english, offers evaluation, observation and reproduction tensile proof.
- 15/02/2010, 30/04/2010
Researcher, STMicroelectronics Srl, Via C.Olivetti 2, 20041 Agrate Brianza (MI) ITALY.
EMG/EEG source localization based on sensor array for applying in BodyGateWay project.
- 20/04/2008, 1/11/2008
Thesis Student, CHALMERS UNIVERSITY OF TECHNOLOGY, Signals and systems department, SE-412 96, E-building Hörsalsvägen 9-11, GÖTEBORG, SWEDEN.
Development of a program in C language about the research of EEG signal sources.
- 1/09/2004, 15/10/2004
Apprenticeship, Del Bo Tecnologia per l'ascolto, via Lanzone 36, Milan (Italy).
Learning of principal types of deafness and models of acoustic prosthesis

Miscellaneous

- 2009–Currently
Private Lessons, High-school's and university's students, Milano.
Private lessons in scientific issues like maths, physic, science, biology and chemistry.
Theoretically and practical explanations, discussion of problems and test corrections.

Education

20/04/2009 **Master's degree**, *Politecnico of Milan*, Italy, *96/110*.
Biomedical Engineering

Master Thesis

Title *EEG Source Localization and Evolution based on Dipole Models and Particle Swarm Optimization*

Supervisor Prof. Sergio CERUTTI

co-supervisors Prof.ssa Anna Maria BIANCHI, Prof. Mikael PERSSON

Description Development of a program in C and C++ language which can use PSO algorithm(an approximation algorithm based on the swarm intelligences) to individuate the sources of EEG signal in subjects suffering from Epilepsy.

06/03/2006 **Bachelor's degree**, *Politecnico of Milan*, *83/110*.
Biomedical Engineering

Bachelor Thesis

Title *Progetto di un sito web dinamico in ambiente Java/SQL*

Supervisor Prof. Luca Mainardi

Description Creation of dynamic pages for site owns to the National institute for the Study and care of Tumor, to make available to doctors and researchers, institutions human and technological resources. It has been realized by using MySql, Apache Tomcat(to visualize html pages), and html, JavaScript and JavaServerPage as programming languages.

01/07/2002 **Scientific school-leaving certificate**, *Liceo scientifico Tecnologico Enrico Mattei*, San donato Milanese, *98/100*.

Post-graduate courses

17/04/2011 **PNL Practitioner**, *PNL META department e International Association of NLP*.
Communication

Languages

English **Good:** *TOEFL certificated*
Period of study abroad (Erasmus program in Sweden)

Computer skills

Operating Systems Windows XP, Windows Vista,
Linux(Suse Linux Enterprise)

Computer Graphics	Photoshop, Corel Draw, PhotoImpact, PaintshopPro, Gimp
Programming Languages	C, MATLAB, Python
Other computer skills	Office, LaTeX, MiKTeX, Cinema4D, Neuroscan(Curry 5.0), EEGLAB, Genesys

Interests

Computer Graphics	Photo-retouch, photomontage.
General Culture	Cinema, art, literature, science, high-tech, science-fiction.
Hobby	I really love traveling for both business or tourism. I love write short tales and science-novels.

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