

Francesco Alotto *Biomedical Engineer, Deep Learning Specialist*

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Summary

Biomedical Engineer with experience in development of ICT techniques applied to people health and industrial automation. Seeking to take the next career step with a global organization involved in top-class challenges. Born maker with the ability to discover new patterns to improve processes and manage large amount of work without compromising quality.

Experience

Università Cattolica del Sacro Cuore

MPNCRIVELLO, ITALY

Contract Professor

Feb '20 –On Going

Contract Professor in the courses of Applied Computer Science, Computer Science Applied to Didactics and Information Processing Systems

Polytechnic of Turin

TURIN, ITALY

Research Fellow - Advanced ICT Technologies for neuro cognitive disorders

Jun '19 –On Going

Research activity on Virtual/Augmented Reality Technologies to design and produce Medical Software in support of neuro-degenerative disorders. I work in strict contact with doctors, stakeholders, complex patients and with healthcare companies.

Mylan

MILAN, ITALY

Junior IT Project Manager

Oct '18–May '19

Reporting to IT Director for Italy and Central Europe, I've faced different company challenges to reduce costs and improve the existent systems. Tasks:

- IT Legal Contract Management and negotiation
- SAP Functional support in the Legal Entity Consolidation (from Mylan, MedaPharma, BGP Pharma to One Mylan)
- Data Quality and flow Checkin from/to SAP BI and SAP ECC
- Consultants Management in IT Operations
- IT Infrastructure Update Plan Management
- Company FileServer Migration on Cloud Platform
- Business analysis and discovery of Machine Learning Technology supporting company
- Internal DDI Phone Infrastructure Migration
- Front Training in software use to employees

Koelliker Hospital

TURIN, ITALY

Junior Clinical Engineer Internship

Jul '16 – Oct '16

Working as junior clinical engineer, I've performed different management activities:

- Planning of substitute and innovative acquisitions of electromedical equipment, with activation of HTA and HTM assessments
- Drafting of the Local Biomedical Technologies Plan (P.L.T.B.) and management of the Information Flow for biomedical technologies (F.I.Te.B.)
- Management of equipment rental contracts

Please refer to my [Linkedin profile](#) and to my [Portfolio](#) for the complete list of work experiences.

Education

Polytechnic of Milan

MILAN, ITALY

Higher Level Master in Deep Learning, Computer Science Engineering

2019

Focused on Deep Learning Methods to build and optimize Neural Networks. Modules include: Statistics, Machine Learning, Unsupervised Learning, OPEN CV, Recurrent NN, Graph Networks and NLP. Different technical frameworks have been used: *Pytorch, Tensorflow, Keras, SciKitLearn*

Polytechnic of Turin

TURIN, ITALY

Master of Science in Biomedical Engineering- Clinical Informatics Specialization

2016 – 2019

Relevant modules include: Design of artificial organs, e-Health (Design of medical software, Bioinformatics), Computer Science (Internet of Things Programming, Machine Learning, Medical image processing), Electronics (Measurements and sensors for Bioengineering). Score: 109/110

Polytechnic of Turin

TURIN, ITALY

Bachelor of Science in Biomedical Engineering

2013 – 2016

Relevant courses include: Electronic and Mechanical design of medical devices, Medical Devices Regulations, Bioengineering, Implantable Active Devices, Biomechanics, Biochemistry, C Programming...

Skills: Proud Team Working Player, Project Management, Public Speaking, Proactive Attitude

Programming Skills: Java, Python, C, C#,HTML, CSS, Javascript, SQL and NO-SQL DB, MatLab

Natural languages: Italian, English (*full professional proficiency*), French (*limited working proficiency*), German (*beginner*).

Conferences: *ICT 4 Health* (Università Cattolica del Sacro Cuore), *A cyber therapy tool for Neuro Cognitive Disorders* (Italian Tech Week 2019)