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

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*

Mylan N.V. is a global generic and specialty pharmaceuticals company registered in the Netherlands, with a "global center" in Canonsburg, Pennsylvania, US. The company slogan is *"Better Health for a Better World"*. 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*

The Koelliker Hospital is a multi-specialist health facility of excellence accredited with the National Service and with the main private care institutions. 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 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, Bio engineering, 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)