Francesco Pezzuoli

Personal Data

Date of Birth: 20 September 1991, Ascoli Piceno (AP), Italy
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Education

[*A.Y.*2014/2015]

Research Scholarship
"Contactless Connections and in continuity integrable with the release/coupling system for advanced bike sharing systems. Funded by *Picchio S.p.a. and University of Camerino*.

[*A.Y.*2013/2014]

Bachelor's Degree in Industrial Computing 110/110 cum laude University of Camerino, Ascoli Piceno (Italy).
Thesis in: "Analysis, Study and Modeling a New Generation Exoskeleton for Support Using New Project's Technologies".

[*A.Y.*2012/2013]

Erasmus Student MDH University, Västerås (Sweden), 6 Months.

[*A.Y.*2012/2013]

Excellence Scholarship by University of Camerino.

Scholarship for Merit: Working 150h in the University, Support for the Secretary Office. Support to teachers, students, secretary, information system.

[2005/2010]

Expert chief technician in electronics and telecommunications *I.T.I. Enrico Fermi*, Ascoli Piceno (Italy).

Work Experience

[2015]

Founding Partner and Member of the Management Board of *LiMiX*, Innovitave Start-up and Spin-off of the University of Camerino (Italy)

[*January*2015/*Present*]

Project Leader for *University of Camerino and Belumbury spa*, Ascoli Piceno (Italy).
Creation and implementation of a 3D mounting and maintenance manual for electric cars (on-line).

[*March*2014/*Present*]

Researcher for *University of Camerino and MES spa*, Ascoli Piceno (Italy).
Design of a new concept of exoskeleton for the disabled support:
An exoskeleton is a device capable of supporting the human body from the outside, in contrast with the normal human skeleton that supports the body from the inside. The exoskeletons are designed to allow people suffering from movement disorders to walk or to increase strength and endurance. Exoskeletons currently on the market are bulky and difficult to use, since it does not provide control of balance or gait. The other important aspect is that most of the current exoskeletons not mimic the normal human gait, which is a highly complex and change when we walk forward or backward, climb or descend a slope. The goal of this project, funded by MES spa., is therefore to deal with the design problem of exoskeletons from a new concept.

[*August*2014/*September*2014]

Project Leader and Developer for *University of Camerino and University of Berkeley, California*, Ascoli Piceno (Italy).
Implementation of an Android application used to change parameters of an Exoskeleton System via Bluetooth.

[*November*2013/*Jenuary*2014]

Developer for *MDH University and Västerås tidtagning*, Västerås (Sweden) Västerås Tidtagning provides timing equipment for swimming competition. In their efforts to raise the quality of swimming competitions in Sweden, they would like to have an iPad app (called TimeReferee) that allows both main and auxiliar referees to register disqualifications through their portable devices during a swimming competition. TimeReferee will consist of two parts: an application for Android Tablets and a server application for Windows PCs.

[*November*2010/*June*2011]

Computer Technician for *ADP Computer Store*, L'Aquila (Italy).
Hw/Sw assistance, Data Recovery, Public Relations.

[*March*2009/*May*2009]

Stage for placement in *G.E.M Elettronica*, San Benedetto Del Tronto Ascoli Piceno (Italy).
Wiring, Pre Testing, Testing, Welding.

Languages

English Optimal Knowledge of the Language.

Italian Native Language.

Computer Skills

Great attitude to work with all kind of technologies.

Operative Systems

Optimal Knowledge of Microsoft Windows.
Experience in assistance for all kind of PCs, Notebooks, Net books, Smart phones, Tablets ecc. (Software and Hardware).

Microsoft Office

Optimal Knowledge of Microsoft Office Package.

Programming, Modelling and other Computer Skills

Assembler (MichroChip), Arduino and other prototyping boards, C, C++, Csharp, Database, MySQL, SQL, SQL Server,, HTML, CSS, Visual Studio, Java, Android, Matlab, Simulink, Prolog, Software Engineering, UML, Enterprise Architect, Astah Professional, HyperWorks Packages, Creo 2.0 Packages, SolidWorks Packages, 3D VIA Composer, LaTeX.

Professional Skills

Great Attitude to Problem Solving	Hungry of Knowledge
Flexybile and adaptive	Diligent and Responsible
Optimal Ability of Analysis	Optimal Ability to Relate and Talk

Personal Interests

Travelling, Music and Movies, Motorcycle Enthusiast, Running, Swimming, Climbing, Karate (Teached to Children and Teenagers), Lecture, Help People - Blood Donor (Member of AVIS, Associazione Volontari Italiani donatori di Sangue, Italy).

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