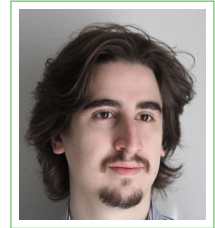


# Marcello Rossi

## Curriculum Vitae

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## Experience

### IT Consultant

2014–Today **IT Consulting for Clearing and Custody applications**, ALTRAN ITALIA, Milano.  
IT Consultant at BNP Paribas Security Services. .NET softwares development in SCRUM methodology and complete management of the application lifecycle: requirements gathering, development, testing and deployment coordination.

Acquired skills:

- C# and object oriented programming in .NET framework 4.5
- Application Lifecycle Management (ALM)
- Web application development (JS, Angular Js, Backbone.js, Web Components)
- Batch software development
- Relational databases (SQL Server, MySQL)
- Software Development in Test Driven Development (TDD)
- SCRUM methodology
- Project analysis and requirement gathering

## Education

2011–2014 **Master degree in Theoretical Physics**, Università degli Studi di Milano - Bicocca, Milano, Final degree: 109.

Theoretical physics, computational calculus, Monte Carlo simulations, advanced statistics, molecular dynamics, stochastic processes, Markov chains and statistical mechanics.

2008–2011 **Bachelor degree in Physics**, Università degli Studi di Milano - Bicocca, Milano, Final degree: 107.

Programming languages (Java, MatLab, fortran, C++), analytic calculus, statistics, classical physics, special relativity, general relativity, quantum mechanics, experience in didactic laboratories.

## Master Thesis

Titolo *Strong correction to NLO for di-photon production in hadron colliders*

Relatore Doct. Carlo Oleari

Descrizione Through this work I have studied the problems related to proton-proton scattering and cross section calculation in QFT. The acquired skills deal with integral calculation in non-integer dimensions, cancellation of infrared divergences in Standard Model in relation with Monte Carlo simulations.

## Languages

Italian	<b>Mothertongue</b>
English	<b>Good</b>
French	<b>Intermediate</b>
Spanish	<b>Basic</b>

## Certifications

2007	FIRST Certificate in english (University of Cambridge)
2006	Certification DELF (Ministère éducation nationale)

## Technical Skills And Competences

Advanced	C#, .NET framework, ASP .NET MVC, Entity Framework, ADO .NET, HTML5, CSS3, Javascript, Ajax, JQuery, AngularJs, Backbone.js, React.js, Google Polymer, NodeJs.
Intermediate	SQL Server, MySQL, MongoDB, Versioning Systems (SVN, Git), $\LaTeX$ , Linux, Microsoft Windows, Test Driven Development (TDD), Grunt, Gulp, Webpack, Typescript, Progressive Web Apps, Cordova.
Basic	JAVA, hybernate, C++, Scala, F#.

## Social Skills And Competences

My experiences in didactic laboratories made me develop good collaboration skills and attitude for coordinations with different people; working and knowing the SCRUM framework emproved these skills further. I like to exercise my linguistic skills in english through reading books and watching films in their original languages. The competences acquired this way, allowed me to write my thesis in English.

## Orgnization Skills And Competences

My strong determination allows me to deal with the most long and difficult challenges: through my problem solving skills, I can handle every kind of work with method, dividing it in its singular parts in order to solve it with less effort and a grater comprehension.

## Artistic Skills And Competences

Reading books allows me to cultivate fantasy and creativity I expressed in the past through recitation and role-playing table games. I have good handcraft and precision that I exercise through origami art and Yoga practice.