

Pietro Campanelli

Born in: Milan, on November 17, 1979
E-mail: pietro.campanelli@coretechscientific.it

EDUCATION

2004: 5 years degree in Materials Science at Università degli Studi di Milano (Bicocca). Main subjects: physics, chemistry, math.
Academic semester in Finland at T.U.T. (Tampere University of Technology).
Graduation thesis: "Study and realization of an instrumental system to measure optically stimulated luminescence".

PROFESSIONAL EXPERIENCE

2005: He founded the company Coretech Scientific committed to the design and development of laboratory instruments and to the scientific consulting (www.coretechscientific.it). The company was born with the first objective (fully achieved) to commercialize the measurement instrument developed as a prototype during the degree thesis.

In the first years of activity Coretech Scientific has cooperated in various research projects mainly with the University of Milan and INFN (National Institute of Nuclear Physics).

In 2006 he won a public funding under the call "Creative Companies 2006" organized by the Province of Milan. It was financed 50% of the project of modernization and miniaturization of one of the instruments produced.

In 2008 he won a scholarship ("Support to the specialization of young researchers in the activity of exploitation of research and technology transfer", Province of Milan, Sector: Economic Activities and Innovation) and performs a 10-week internship at the Ignite Technology Transfer, technology transfer office of the National University of Ireland - Galway. During the training he performs exercises covering all the aspects of technology transfer: patent research, market research, legal issues, business plans, financing, advertising, research and contact of companies.

From 2008 he devoted himself almost exclusively to software development, specializing in Microsoft technologies, client or web based (.NET environment), and databases in general. Since then he has taken part in many projects for about 20 different customers.

LANGUAGE SKILLS

Italian: mother language.
English: excellent.

TECHNICAL SKILLS

Excellent programming skills. Software development for various applications: simulations, remote control of instruments, data processing, 2D and 3D representations, database, ERP and management, microcontroller firmware.

>[Multi-year professional experience]

Software skills:

<i>Operating systems</i>		<i>Presentation</i>	
<i>Windows</i>	<i>Excellent</i>	<i>PowerPoint</i>	<i>Excellent</i>
<i>Unix</i>	<i>Basic</i>		
<i>Word processing</i>		<i>Web Creation</i>	
<i>Word</i>	<i>Excellent</i>	<i>VS .NET 2010</i>	<i>Excellent</i>
		<i>Dreamweaver</i>	<i>Basic</i>
		<i>Flash</i>	<i>Basic</i>
<i>Data analysis</i>		<i>Programming Languages</i>	
<i>Excel</i>	<i>Excellent</i>	<i>ASP.NET</i>	<i>Excellent</i>
<i>Derive</i>	<i>Good</i>	<i>VB / C# 2010</i>	<i>Excellent</i>
<i>KaleidaGraph</i>	<i>Basic</i>	<i>LabVIEW</i>	<i>Excellent</i>
<i>CAD and Graphics</i>		<i>Visual Basic 6</i>	<i>Excellent</i>
<i>Paint Shop Pro</i>	<i>Excellent</i>	<i>VBA</i>	<i>Excellent</i>
<i>SketchUp</i>	<i>Good</i>	<i>Windows Phone</i>	<i>Excellent</i>
<i>Solid Works</i>	<i>Basic</i>	<i>Javascript</i>	<i>Excellent</i>
		<i>C</i>	<i>Good</i>
		<i>Qbasic</i>	<i>Good</i>
<i>Database</i>		<i>Electronics</i>	
<i>Access</i>	<i>Excellent</i>	<i>Eagle</i>	<i>Good</i>
<i>SQL Server</i>	<i>Good</i>	<i>SwCAD</i>	<i>Good</i>

Experience in web sites creation.

>[Multi-year professional experience]

Automation and remote measure control. Digital signals acquisition. Signals analysis and processing.

>[Multi-year professional experience]

Design and development of electronic circuits, analog and digital, "governed" by microcontrollers, characterized by: PC communication (rs232 or USB), alphanumeric LCD, analog I/O (ADC/DAC), digital I/O, I2C and SPI communication between integrated circuits, power outputs.

>[Multi-year professional experience]

Assembling of personal computers and hardware systems.

>[Multi-year professional and personal experience]

Dating techniques with thermally and optically stimulated luminescence.

>[Degree thesis and multi-year professional experience in new instruments development in the field]