Federico Zannier

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EDUCATION

NYU - M.P.S. Interactive Telecommunication Program, New York   (expected May 2013)

Columbia University, EPFL, Minatec and Politecnico di Torino - M.S. Nanotechnologies for ICTs, New York, France, Switzerland and Italy   (September 2009)
GPA: 110/110
Honor: MNE Master Recherché

Politecnico di Torino - B.S. Electronic Engineering, Italy   (March 2007)
GPA: 107/110
Honor: Global Management Challenge 2006

WORKING EXPERIENCE

MADDALENA S.p.A. - ITALY, Udine   Contractor (June 2011 - August 2011)
Project: design and develop a system for increase water consumption awareness in the context of green economy initiatives
Activities: UI and software design

ACCENTURE S.p.A. - SAUDI ARABIA, Riyadh   Employee (Jan 2010 - June 2011)
Projects:
- setup of the IT Project Management Office in Saudi Hollandi Bank
- readiness assessment for a core banking system in SAMBA
Activities: business processes design and implementation

KICKER STUDIO - CALIFORNIA, San Francisco   Contractor (Sept 2009 - Dec 2009)
Project: electronic magazine for niche markets
Activities: storyboarding, wireframes, mokcups and prototyping

COLUMBIA UNIVERSITY - NEW YORK, New York   Internship (Feb 2009 - Aug 2009)
Project: wound healing with self adhesive proteins
Activities: proteins synthesis, cells culture and microfabrication

INRIM (Metrology National Institute) - ITALY, Turin   Contractor (Feb 2007- Feb 2008)
Projects:
- re-determine the N_A Avogadro Constant
- Watt Balance: "weigh the electricity"
Activities: prototyping,

OTHER PROJECTS

Elephant Data   (May-Sept 2012)
Design of a dashboard to visualize correlation between sales and media expenditure.

DNA FINGERPRINT - FRANCE, Grenoble   (Feb-Jun 2008)
Prototype a DNA fingerprinter for biometric identification using chemical transistors.

LITHOGRAPHY MASK DESIGN - SWITZERLAND, Lausanne   (Sept-Dec 2008)
Design and test a lithography mask for an operational amplifier using VLSI tools.

DAHUSHAPER – SWITZERLAND, Nyon   (Sept 2008-Feb 2009)
Prototype skis funded by Agepoly (Association Générale des Etudiants de l'EPFL).

TECHNICAL SKILLS

OPERATING SYSTEMS: Mac OS, Linux and Window.
PHYSICAL COMPUTING: Assembler (for ARM), C, VC++, VHDL, GNU Toolchain and Python
BACK END: Python, Ruby on Rails, Java, MySQL, MongoDB, Hadoop and Apache
FRONT END: HTML, CSS, Javascript and Action Script
GENERAL PURPOSE TOOLS: Matlab, Rhinoceros, Photoshop, Illustrator, After Effects and Flash
MANAGEMENT SOFTWARE: MS Project Server and SharePoint 2010

LANGUAGES   Italian, English and French