

Andrea Michelotti



Nationality swiss
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Personal Experience

- Feb 2016*
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Today *Università della Svizzera Italiana, Lugano (TI)*
CRM Engineer
Within the CRM project I'm in charge of the development of the UI of the MS Dynamics CRM for the entire university. More in detail:
- acquisition of the requirements directly with the customer
 - conception and implementation of the architecture of the CRM;
 - relations with the customers;
 - implementation of the UI of the system;
 - quality control;
 - help desk for the issues related to CRM.
- Oct 2013*
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Today *Università della Svizzera Italiana, Lugano (TI)*
Web Engineer
Within the Web Service I plan, project, develop, publish and manage the entire web platform of the Università della Svizzera italiana (USI), that counts more than 140 independent websites. More in detail:
- acquisition of the requirements directly with the customer
 - conception and implementation of the University's websites;
 - relations with the customers;
 - activation, management and maintenance of web spaces for the publication of the websites;
 - quality control;
 - help desk for the issues related to web.
- The main technologies involved are Drupal 7/8, PHP (Laravel, CakePHP), HTML5, CSS3, Javascript (jQuery), AJAX, SQL, Grunt, Bower, npm.
- Sep 2012*
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Feb 2013 *B-Source SA. Bioggio (TI)*
Project developer: "FantaPGL"
Implementation and development of a specific Web Application for the management and the creation of documents used for the activity of B-Source. The purpose of the application is to automatize and speed up the processes involved in the organization.
- Implementation and development of a DB management interface
 - Implementation, development and population of the DB
 - Implementation and development of the Web interface
 - Technologies: GWT (Java toolkit for web application), MySQL, HTML5, CSS3, Java

Feb 2011 *PD-net international research project, Lugano (TI) / Oulu, Finland*

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Jul 2011 **Project developer: "Fun² (FunSquare)"**

Implementation and development of the "FunSquare" Web application that generates, filters and displays place relevant fun facts on urban public displays. FunSquare was deployed from July-December 2011 on twelve networked displays in Oulu, Finland. The project won first place at the 1st UBI Challenge competition 2010-2011 ([Link](#)).

- The project and its implementation include: cross device user interface - web, display, and mobile phone; user interface for administration; feedback and comment engines, an attractive user interface based on technologies like advanced CSS and Ajax, integration of QR Code, implementation of other systems like countdown, NFC modules and integration of main social networks like Facebook, Twitter and Google+
- Technologies: HTML5, CSS3, Ajax, Java.

Jan 2009 *Ex Machina, Lugano (TI)*

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May 2009 **Project developer: "Eisenhower Matrix"**

Implementation and development of the "Eisenhower Matrix" Web application that improves the quality, the efficiency, and the organization of group work within a project.

- Implementation and development of the administrative management of the web application (Admin Panel)
- Implementation and development of the user section: session management, profile management and personalization.
- Technologies used: GWT (Java toolkit for client side web application), PostgreSQL database.

Sep 2009 *Your Interface SA, Bioggio (TI)*

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Dec 2009 **Project developer: "From home to museum"**

Implementation and development of the mobile application "From home to museum" - a virtual tour tool for museums and points of interest located in Ticino and Northern Italy.

- Transfer and reverse engineering of the preexisting desktop web portal.
- Implementation and development of a mobile web portal (Smart Phones/Tablets) with the purpose of guiding the user through the main museums and points of interest of Ticino and Northern Italy region. This included: live tour tool (creation of customized paths), user management panel (customization of the personal profile), administrative management panel, integration of Google Maps libraries and APIs, Newsletter, RSS feeds.
- Technologies: Eazy publish (for the contents management and the development of the entire project), PHP framework, HTML

Summer 2006 *Trasfor SA, Molinazzo di Monteggio (TI)*

Labourer

Main tasks: manufacturing, cutting and chroming of base metallic components for transformers of different size.

Skills

Computer Science

Frontend: HTML5, CSS3, JavaScript, JQuery, AJAX, Grunt, Bower, npm

Backend: PHP, CakePHP, Laravel, Drupal 7/8

Database: SQL (MySQL, PostgreSQL)

Other languages: Java, C#, Scheme

Economy

Enterprise Resource Planning, Project, Operations and Change Management, Accounting, Strategic Marketing, Corporate Strategy, Modelling, Simulation and Optimization, HRM, International Business, Decision Making, Six Sigma, Business Dynamics, Change and Management, Digital Marketing

Education

- 2011-2013 **Master in Management and Informatics**
Università della Svizzera Italiana, Lugano (TI)
Primary Focus: Project management, IT system integration and application for companies
- 2008-2011 **Bachelor in Informatics**
Università della Svizzera Italiana, Lugano (TI)
Thesis: FCI: The FunSquare Community Interface "A Bachelor Thesis Project at the Ubiquitous Computing Group"
- 2007-2008 **Medizin**
University of Zurich, Zurich (ZH)
- 2002-2007 **Scientific High School, Savosa (TI)**
Liceo Lugano 2, Savosa (TI)
Complementary courses: biology and chemistry

Language skills

- Italian* Mother tongue
- English* Good spoken, written and comprehension of spoken and written
- German* Good comprehension (spoken and wrote for one year in Zurich)
- French* School skills

Awards and Extracurricular activities

- Sep 2013 **Student Volunteer** for UBICOMP 2013 - ISWC 2013, Zürich, Switzerland ([link](#))
- Summer 2011 **1st Place** at the International UBI-Challenge competition, Oulu, Finland ([link](#))
- From 2010 **Unihockey Player** for SAM Massagno Unihockey II, Massagno (TI), Switzerland
playing in 3° Lega comitee member in the Sport Association
- From 2002 **Advanced Open Water Diver**, SSI at SSI Diving Lugano, Lugano (TI), Switzerland

References

Prof Gianluca Colombo

Professor & Director of the Institute of Management, at the Università della Svizzera Italiana

Prof Marc Langheinrich

Assistant professor for Computer Science at the Università della Svizzera Italiana

Prof Michele Lanza

Dean and professor of the faculty of Computer Science at the Università della Svizzera Italiana