**Roberto Mangano M.Sc.**

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**PROFILE**

* Full Stack developer, proficient in HTML5, PHP, CSS3 and JavaScript
* Experienced Windows Phone and Android developer
* Designed and shipped gesture based story telling app using C# Microsoft Kinect technology

**ADDITIONAL CERTIFICATIONS/QUALIFICATIONS**

**Programming Languages:**

* C#, Java, C, PHP, HTML, CSS, JavaScript, SQL, XML, JSON

**Development Environments:**

* Microsoft Visual Studio 2013, Eclipse SDK, Android Studio
* Android SDK, WP8 SDK, Windows 8 SDK

**User Interface Development:**

* + - * Windows Forms and XAML development
      * MVVM pattern

**Enterprise Web Development:**

* Working experience in server side scripting using PHP
* Working experience in Cascading Style Sheets (CSS), JavaScript , HTML

**Databases Used:**

* Microsoft Access, MySQL, SQLite

**Server Used:**

* + - * Apache HTTP Server, Tomcat

**PROFESSIONAL EXPERIENCE**

**Windows Phone Developer**

*Modastic Groupe Inc Toronto, ON* July 2014-Present

* + - * Led the development of YOLO Windows Mobile App

**Contract Web Developer**

*WIRL, Toronto, ON* June 2014-Present

* + - * Developed and shipped WIRL’s email notification feature on Django/Python web app
      * Performed Wordpress CMS management

**Web Developer**

*INcubes, Toronto, ON* May 2014-Present

* + - * Developed and maintained the INcubes website, including new and existing plugins for Wordpress CMS platform, resulting in improved UX and functionality
      * Demonstrated strong understanding of PHP, HTML, CSS & Javascript
      * Demonstrated excellent communication skills while working in a team environment

**Web/Software Developer**

*Self Employed* April 2013- Feb. 2014

* + - * Managed all life cycle stages (designing, coding, integrating, defect-fixing, installing) of the development of several websites for client companies
      * Developed a customer management software with C# & Microsoft Access technologies

**EDUCATION**

***Master degree in Computer Engineering***Graduated Apr. 2013

Politecnico di Milano, Italy

***Bachelor degree in Computer Engineering***Graduated Feb. 2010

Politecnico di Milano, Italy

**ACADEMIC PROJECTS**

***C# & Kinect Storytelling Touchless app for desktop - Master Thesis*** *October 2012 - April 2013*

Led the development of a completely touchless and proximity based application for storytelling used in museums and galleries using Microsoft Kinect SDK and C# resulting in the publication of an article at an international conference.

***Java based Stock/Bond/Fund Scanning Android App*** *2011*

* + - * Worked as the Team Leader for a four month project developing a stock scanning Android App

(The software was designed for users to insert the name/ISIN of the financial tool, which resulted in a query to a cache-based RESTful web service which provided near real time quotes)

* + - * Followed state-of-the-art software development procedures starting from Requirement,

Analysis and finishing at Installation on testing devices.

**SCIENTIFIC PUBLICATIONS**

Roberto Mangano, Franca Garzotto, Luigi Oliveto, Matteo Valoriani, Mirko Gelsomini: **From Desktop to Touchless Interfaces: A Model Based Approach**

12th International Working Conference on Advanced Visual Interfaces, 2014, Como, Italy

**REFERENCES**

Greg Pantelic, Founder at WIRL, gpantelic@wirl.ca, (647) 205-7992

Roni Krakover, Marketing and Operation Manager at INcubes, roni@incubes.ca, (647) 525-1535

Yukan Liao, Founder at Modastic Groupe Inc, (647) 889-1582.

Matteo Valoriani, Teaching Assistant @ Politecnico di Milano, valoriani@elet.polimi.it