Andrea Martinelli

Personal data

First name Andrea Last name Martinelli

Birthdate December 4, 1990 Birthplace Trento (Italy)

Gender Male Marital status Single

Location Stockholm, Sweden Phone +46 (0)72-287 18 35

Email <u>martinelli-andrea@outlook.com</u>

LinkedIn http://www.linkedin.com/in/andmartinelli

Driving license Yes - B

Technical knowledge

Languages C, C#, Java, VB .NET, Delphi, OCaml, PowerShell, AutoIt,

HTML, CSS, JavaScript, TypeScript, PHP, SQL, XQuery, NSIS, Yacc/Lex, x86

assembly

Libs/frameworks .NET Framework, WinRT, Win32, WinForms, Windows Presentation

Foundation, ASP .NET, jQuery, WebAPI, HtmlAgilityPack, Fizzler, Json .NET,

Entity Framework, Dapper, PetaPoco

Operating systems Windows, Linux

Software Visual Studio, Microsoft Office (Word, Excel, PowerPoint, OneNote), VirtualBox,

Virtual PC, Qemu, Sandboxie, Fiddler, ILSpy, Mercurial, SVN, Paint .NET,

PostgreSQL, Microsoft SQL Server, SQLite, Apache

Education

2012 - ... Master of Science degree in Computer Science University of Trento 2009 - 2012 Bachelor of Science degree in Computer Science (110/110 with honors) University of Trento 2004 - 2009 Diploma perito informatico (90/100) "Marie Curie" High School – Pergine Valsugana

Certifications

2008 European Computer Driving License (ECDL)

2007 PET English test

Past experience

2013-2014	Automatic Web Data Extraction Engine
2012	Closed captions broadcasting system
2012	Hackathon participation at University of Trento
2011	WinForms components development at Xenos Srl
2008	3 weeks workshop about the development of a web application for viewing and
	interacting with socio-economic data at WebValley (Bruno Kessler Foundation)
2007	3 weeks internship at Gigashop Srl

Personal projects:

- Codename Awdee (Automatic Web Data Extraction Engine): provides both an infrastructure for writing and using strongly typed connectors to third party web sites using declarative annotations and CSS selectors, and a tool for automatically inferring the structure and the data model/schema of a website, which also generates the CSS selectors to extract the individual fields. (Not released yet)
- <u>Songr</u>: aggregates a dozen of music search engines, providing playback and downloading capabilities. It automatically picks the best results based on quality, speed and reliability of the server. Performs metadata cleanup and entity resolution, and also acts as a player for local files. It includes an opt-in system for submitting anonymous data and stats for improving the application.
- <u>IustSubsPlayer</u>: displays subtitles (.srt) overlaying them to any web-embedded video.
- Reddit Full Feeds: retrieves the pages of the most popular links on Reddit, detects the actual content (ignoring menus, navbars and ads), and builds a complete feed. List of converted feeds (daily updated).
- <u>ISON C# Class Generator</u>: identifies patterns inside a JSON example file and generates the corresponding C# classes.
- <u>FizzlerEx</u>: fork of the Fizzler project (CSS3 selectors for .NET) with advanced features and improved performance.
- <u>HttpPost</u>: implements multipart POST for .NET
- <u>Track Folder Changes</u>: displays the tree of files on the disk in real time, restricted to the changes that occurred since the application startup, highlighting changes, deletions and creations.
- <u>Windows Exports Comparer</u>: lists the differences between two builds of Windows by comparing exported functions and localized strings of DLL files.
- WatchingYouWork: displays real-time thumbnails of a team components' desktops when working at home, in order to mutually check what others are doing, avoiding wastes of time on unrelated activities.
- RebuildUtils: ILAsm and ILDasm wrapper with symbol renaming features.
- More on http://at-my-window.blogspot.com/

Former editor at windowsblogitalia.com