



Giulio Ambrogi

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About me

Enthusiastic developer fascinated by software engineering, web programming and front-end design, with strong analytical skills. Creativity applied to both working environment and hobbies, especially playing guitar and composing music. I am currently working as freelance developer and I am looking for opportunities all over the Europe.

Experience

Freelance developer

FEB 2015 - present

Development of web applications and desktop applications for many purposes managing full software lifecycle and relationships with customers.

Teorema Engineering s.r.l. Area Science Park, Trieste, Italy,

MAY 2013 - SEPT 2013

Junior developer (intern)

Web application for a yacht domotic system. Team working experience.

Technologies involved: .NET, C#, HTML5, Javascript (SignalR, Knockout), CSS3.

Education

Master Degree in Computer Engineering - Polytechnic of Turin, Turin, Italy

OCT 2013 - DEC 2015

Mark: 106/110. Main subjects: web programming, software eng., networking

Bachelor Degree in Information Engineering - University of Trieste, Trieste, Italy

OCT 2009 - MAR 2013

Mark: 98/110. Main subjects: maths, physics and computer science

Key Projects (discover more on www.giulioambrogi.com)

Master Thesis Collection and analysis of data and meta-data retrieved from Twitter activity in Turin's area in order to extract mobility patterns. Development of web applications and scripts meant to download, process and visualize data. Key technologies: Spring Framework, AngularJS, Twitter Streaming API, MongoDB, Neo4j.

IPsec plugin Translation of high level security policies to low level system configurations in Linux environment. Committed by TORSEC research group (Polytechnic of Turin) within the SECURED project (founded by European Commission under Seventh Framework Programme - FP7).

Remote Desktop Development of a remote desktop application with clipboard sharing and simultaneous control of multiple targets. Key Technologies: WPF, C#, socket programming, multi-threading.

Bachelor Thesis Extension and porting to .NET 4.5 of an existing WPF application for bibliography data management within a research group. Experience in database management, networking and front-end design.

Relevant Skills

Programming Languages C#, Java, JavaScript, HTML 5, CSS 3, C/C++, PHP, Python, Matlab

Technologies and techniques .NET Framework 4.5, WPF, Single-Page Applications, MVW (Spring MVC, AngularJS, Knockout), ORM (Hibernate), Bootstrap, Unit Testing (JUnit), multi-threading, distributed programming, front-end design, responsiveness, data mining, Apache Tomcat, Web Services, JSON, UML, Git, SEO

Databases relational (Microsoft SQL Server, Oracle, MySQL, H2) and non-relational (MongoDB, Neo4J)

Tools MS Visual Studio, Eclipse Luna, IntelliJ Idea, MS SQL Server Management Studio, Oracle 11g, phpMyAdmin, Matlab and Simulink

Languages

Italian (mother tongue), English (fluent), French (basic)

Qualification documents and references available upon request. In compliance with the Italian legislative Decree no. 196 dated 30/06/2003. I hereby authorize you to use and process my personal details contained in this document.