

CURRICULUM VITAE

April 2011

Name: **Andrea Benazzo**
Date of Birth: 21 August 1983
Nationality: Italian
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Marital Status: Single

Education

- 2006 - 2008 Engineering Faculty of Politecnico di Torino
M.S. Degree in **Computer Engineering**
Final mark: **103/110**
Dissertation: "Peer-to-peer network models for a distributed and reliable RDF storage"
Main subjects: Computer Networks, System Programming, Web Technologies
- 2002 - 2006 Engineering Faculty of Politecnico di Torino
B.S. Degree in **Computer Engineering**
Final mark: **95/110**
Dissertation: "Generation of network statistics with PHP technology"
Main subjects: Programming Languages, Data Management, Electronics, Physics
- 2002 High School in Scientific Studies from Liceo scientifico Martinetti, Caluso (TO)

Language Skills

- Italian Mother tongue
English Good knowledge of written and oral language
Cambridge First Certificate in English: level B
French Basic knowledge
Arabic Knowledge of basic grammar and comprehension of simple texts
- short travels throughout Europe.

IT Skills

- Programming Languages **C, C++**, Perl (good); **Java**, Javascript, PHP, **Python** (discrete)
Declarative Languages Regular Expressions, SQL
Markup Languages CSS, HTML, JSON, \LaTeX , **XML**
Web Technologies **AJAX**, CGI, **JSP**, **Web Services**
LAN Networks
Office ECDL Patent
Access, Excel, Powerpoint, Word
Operating Systems Slackware **Linux**: 14 years of experience
Windows 98, Me, XP, Vista, 7

Work Experience

Position: Software Engineer - Consultant for Volt Europe - Amadeus (Sophia Antipolis)
Description: **Design, implementation** and **maintenance** of solutions for clients and providers of the Insurance business, within the Amadeus IT infrastructure.
Activity: I am **developing** new services for the Insurance providers along with **engineering** the **decommissioning** of the currently existing application from the TPF mainframe.
The services are integrated in the booking flow of travel reservations by means of exchange of messages with external services encoded in **XML** and EDIFACT.
Languages: **C++**
Technologies: EDIFACT, SQL, **XML**
Tools: Cvs, Mercurial, Oracle, Perl, Python, Shell Scripts and Valgrind
Dates: July 2009 - Present

Position: Software Engineer - Consultant for Volt Europe - Amadeus (Sophia Antipolis)
Description: **Coordination** of the setup of new link implementations between the Amadeus IT infrastructure and Cruise Line providers.
Activity: I participated in weekly **conference calls** and **dedicated troubleshooting sessions** to lead the configuration at network and applicative level.
The weekly meetings included the participation of the responsible in charge of Network Engineering in Amadeus (based in Frankfurt-Munich), the correspondent resource of the Cruise provider (generally based in Miami/Silicon Valley), along with the representatives of Marketing and Product Definition on both sides. In parallel, I was **responsible** for the configuration and supervision of the respect of the **deadlines** by the teams involved.
Technologies: Network protocols
Dates: July 2009 - July 2010

Position: Software Engineer - Consultant for Volt Europe - Amadeus (Sophia Antipolis)
Description: **Design, implementation** and **maintenance** of solutions for Car Rental providers within the Amadeus IT infrastructure.
Activity: The main project was aimed at enabling providers without own IT to retrieve the bookings processed through dedicated Amadeus systems.
I developed a **C++ Linux service** which indexes the bookings in an Oracle Database and which is the entry point for issuing the lookup queries.
I designed and implemented a highly-dynamic **AJAX-based web interface** which gathers the search criteria and displays the matching bookings.
Each element of this project has been integrated in the existing infrastructure through the interaction with external modules by means of **XML** and EDIFACT messages.
Languages: **C++, Java, Javascript**
Technologies: **AJAX**, CSS, EDIFACT, JSON, **JSP**, SQL, Web Services, XHTML, **XML**
Tools: CVS, Git, Maven, Oracle, Perl and Shell Scripts, Yahoo! User Interface Library
Dates: June 2008 - July 2009

Position: Software Engineer - TOPIX (Turin)
Description: 4 months stage aimed at the prototyping of an active monitoring service for IPv4/IPv6 networks with low memory requirements.
Developed in a group of 2 people.
Activity: **We implemented** the service generating the ICMP ECHO probes and storage of the replies in an SQLite database and a minimal web server.
I developed the web interface in PHP and AJAX to show the round-trip-time and uptime statistics by means of highly customizable graphs and histograms.
Dates: August 2004 - December 2004
Languages: **C, PHP**, Javascript
Teamwork: Research Group Netgroup of Politecnico di Torino, ITGate, Torino-Piemonte-Internet-Exchange

References

References available upon request.

Hobbies

Webmaster and content author of <http://www.qitty.net> .

Small development projects in the area of Gnu/Linux.

Trekking.

Sports: soccer, volleyball.

Andrea Benazzo