Eric Miotto | Curriculum vitae

Via Fantin 112 – 31035 Crocetta del Montello – Treviso (Italy)

✉ edymtt@netscape.net ● 🖥 edymttdev.appspot.com

careers.stackoverflow.com/edymtt

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Portfolio (beta)

http://stackoverflow.com/users/753737/edymtt

https://github.com/edymtt

Summary

I'm a computer enthusiast for 12 years and a software developer with 3 and a half years of experience.

In order to design and write clear, testable and maintainable applications I practice unit testing, I refactor "legacy code" and I employ object oriented and functional paradigms. I strive to continually improve my skills, to apply best practices in my daily work and to keep myself up to date – actually I'm exploring test automation, continuous integration and design patterns.

I'm well versed in exploring new technologies to assess their characteristics and the problems they pose in their adoption. I employ both theory and experience to deliver software in a successful fashion.

I aspire to work as a Software Engineer or Software Engineer in Test (or equivalent roles), possibly on operating systems, compilers, developer tools or real-time/embedded systems.

Work experience

BEDIN Shop Systems srl   **Cornuda – TV (Italy)**

Programmer, www.akite.net   *10/2009–*

Development, maintenance and support of software for Points of Sale (.NET 3.5/4.0):

- development and (automatic) deployment of smart clients – Windows Forms, SQL Compact, SQLite, Lucene.NET, ClickOnce
- development, deployment and monitoring of web services handling thousands of users – WCF, Windows Azure, SQL Azure, Windows Azure Service Bus, ACS 2.0
- promotion engine; development of a library for video and photo acquisition from webcams (DirectShow); setup of a build server (Jenkins, MSBuild); development of a simple administration web site (ASP.NET MVC, Javascript, jQuery); migration of source code from Team Foundation Server to GitHub; fiscal printers programming

BEDIN Shop Systems srl   **Cornuda – TV (Italy)**

Training – apprentice programmer   *Summers from 2003 to 2008*

- Development and maintenance of software for Points of Sale (.NET 2.0/3.5)
- Implementation of a visual editor for documents and labels made with GDI+, using a retained mode graphics system
- Investigation on WPF as an alternative to Windows Forms

Education and training

Università degli Studi di Padova   **Padua (Italy)**

Laurea Specialistica (Master's Degree) in Computer Science, 110 cum laude   *10/2007–09/2009*

Online and approximate algorighms, concurrency, distributed systems, cryptography, semantics of programming languages, static analysis, data warehouse, business intelligence, multimedia, hypermedia, audio/video compression, bioinformatics, real-time systems, information retrieval, wireless networks, ITIL v2, abstract algebra, constraint programming, machine learning

Università degli Studi di Padova   **Padua (Italy)**

Laurea Triennale (Bachelor's Degree) in Computer Science, 110 cum laude   *10/2004–09/2007*

Programming, algorithms, software engineering, relational databases, SQL , XML, probability, statistics, logic, operational research, programming languages, linear algebra, mathematical analisys, computer architectures, operating systems, networks, automata, numerical analysis, artificial intelligence, discreet mathematics, security

Istituto Tecnico Industriale Statale Luigi Negrelli   **Feltre – BL (Italy)**

High School Diploma, Computer Specialization, 100/100   *09/1999–06/2004*

Computer science (programming, operating systems, DBMS, boolean logic), mathematics (analysis, integral, derivatives), electronics (transistors, operational amplifiers, logical ports), statistics (probability, stochastics variables)

Skills

Further details at edymttdev.appspot.com and careers.stackoverflow.com/edymtt

Methodologies..

Object oriented paradigm, functional paradigm, design, profiling, distributed systems, compensation, bug tracking

Technologies..

.NET (from 1.1 to 4.5), Visual Basic .NET, LINQ, C#, async, NuGet, Java, C++, C, SQL (Transact SQL), Ruby, XML, regular expressions, Windows Forms, Windows Presentation Foundation (WPF), Windows Azure Compute (PaaS), Storage, Windows Azure Service Bus, Windows Azure Caching, ACS 2.0, Windows Azure Active Directory, Visual Studio 2003/2005/2008/2010/2012, Eclipse, SQL Server 2008/2008 R2, SQL Azure, SQL Compact 3.5, Sqlite 3, Subversion, Mercurial, Git, Team Foundation Server 2010, git-tfs, LLBLGen Pro 2/3/3.1, Entity Framework 4, Jenkins, MSBuild, Make, rake, Windows Communication Foundation (WCF), HTML 5, CSS, Javascript, ASP.NET, ASP.NET MVC, Fiddler, OAuth 2.0, Jekyll, Mac OS X, Linux (Ubuntu, Fedora, Debian), Windows, Android, Touch typist (Self-taught, QWERTY, mostly italian layout, about 47 words-per-minute), LaTeX, Markdown, Textile, Powershell, VMware Fusion, VirtualBox, ECDL, OData

Languages

Italian: Mother tougue

English: Fluent   *Able to handle written and spoken technical conversations*

Further details at edymttdev.appspot.com

Masters thesis

Title: *Challenges in the Integration of domain-specific and scientific bodies of knowledge in Model-Driven Engineering*

Supervisor: Prof. Tullio Vardanega   **Outside examiner**: Prof. Gilberto Filè

Description: Technological investigation about problems and tools needed to introduce Model-Driven Engineering in the construction of software, in particular in the real-time field. The investigation was conducted within Eclipse (EMF, GMF, Papyrus).

Bachelors thesis

Title: *Un'architettura orientata ai servizi che offra alta disponibilità* (in italian)

Supervisor: Prof. Gilberto Filè   **Outside examiner**: Prof. Massimo Marchiori

Industry supervisor: Davide Bedin

Description: At BEDIN Shop Systems srl (Cornuda – TV, Italy) development of a prototypal application for log transmission according to SOA principles using Windows Communication Foundation (WCF) and Amazon Simple Queue Service (SQS). For the development I used unit testing, integration testing and coverage report