



# Eric Miotto | Curriculum vitae

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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 13 years and a software developer with 4 years of experience. I enjoy designing and writing clear, testable and maintainable applications; to achieve this I practice unit testing, I refactor "legacy code" and I employ object oriented and functional paradigms. 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 strive to continually improve my skills, to apply best practices in my daily work and to keep myself up to date – in this period I'm reading Peopleware, I'm studying how to build compilers and I'm exploring how to perform lengthy builds with continuous integration servers. I aspire to work as a Software Engineer, Software Engineer in Test or Build Engineer (or equivalent roles), possibly on operating systems, compilers, developer tools or real-time/embedded systems.

## Work experience

### BEDIN Shop Systems srl

*Programmer, [www.akite.net](http://www.akite.net)*

**Cornuda – TV (Italy)**

*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

*Training – apprentice programmer*

**Cornuda – TV (Italy)**

*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

*Laurea Specialistica (Master's Degree) in Computer Science, 110/110 cum laude*

**Padua (Italy)**

*10/2007–09/2009*

Online and approximate algorithms, 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

*Laurea Triennale (Bachelor's Degree) in Computer Science, 110/110 cum laude*

**Padua (Italy)**

*10/2004–09/2007*

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

## Skills

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Further details at [www.edymtt.io](http://www.edymtt.io)

### Methodologies.....

Object oriented paradigm, functional paradigm, design, profiling, distributed systems, compensation, bug tracking, test automation, single responsibility principle, unit testing, separation of concerns, build automation, backward compatibility and versioning

### 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, Bash (interactive usage and scripting)

## Languages

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**Italian:** Mother tongue

**English:** Fluent

*Able to handle written and spoken technical conversations*

Further details at [cv.edymtt.io](http://cv.edymtt.io)

## Masters thesis

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**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

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**Translated Title:** *A high-available service oriented architecture*

**Original Title in Italian:** *Un'architettura orientata ai servizi che offra alta disponibilità*

**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