

# Enrico Pilotto

Date of birth: 21th Oct 1984

via Marconi 4/3  
35018, San Martino di Lupari, Padova, Italy  
✉ [enrico@megiston.it](mailto:enrico@megiston.it)  
🌐 [www.megiston.it](http://www.megiston.it)  
twitter @pioz



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## Education

- 2003 **High school degree - Surveyor**, *I.T.S. Girardi*, Cittadella (PD) - Italy.
- 2009 **Master degree in Computer Science**, *University of Study of Padua*, Italy.  
Final evaluation 107/110.  
Software Engineering, Artificial Intelligence, Web Development, Programming, Object Oriented Programming, Distributed Systems, Computer Architecture, Networking, Computer Security, Logic, Algebra Math...

## Publications

- title *Compact preference representation in stable marriage problems*
- supervisors prof. Francesca Rossi, prof. Khristen Venable, prof. Livio Colussi
- link Download
- description The stable marriage problem has many practical applications in twosided markets like those that assign doctors to hospitals, students to schools, or buyers to vendors. Most algorithms to find stable marriages assume that the participants explicitly expresses a preference ordering. This can be problematic when the number of options is large or has a combinatorial structure. We consider therefore using CP-nets, a compact preference formalism in stable marriage problems. We study the impact of this formalism on the computational complexity of stable marriage procedures, as well as on the properties of the solutions computed by these procedures. We show that it is possible to model preferences compactly without significantly increasing the complexity of stable marriage procedures and whilst maintaining the desirable properties of the matching returned.

## Experience

- 2006 **Three-months internship**, *Digitalblu s.n.c.*, Padova - Italy.  
I developed a software application in C# (Visual Studio. NET 2005) to handle calls through a PBX.
- September 2009 – **Founder**, *Megiston*, Albignasego (PD) - Italy.  
2009 – Founder with Davide Barison, development Ruby on Rails based web solutions and graphic communication. Startup and ecommerce specialization. Developed more than 30 projects. For portfolio synthesis please visit <http://www.megiston.it>.
- March 2012 – **Software Engineer**, *Timerepublik*, Lugano - Switzerland and Padova - Italy.  
Present Ruby on Rails backend programmer.  
The First Global Time Bank. Timerepublik is a market place that allows you to offer skills (talent) to others members of the community in exchange of time at a one to one ratio. Time becomes the unit of exchange instead of money. Time accumulated can then be exchanged without any restrictions for small favors within the community. Visit [www.timerepublik.com](http://www.timerepublik.com).

## Languages

- Italian Mother tongue
- English Standard working proficiency *Studied three years in middle school and five years in high school.*

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## Computer skills

- Computer science is my passion
- Interested and intrigued by new technologies, I do not fossilize over a single technology
- Versatile in the use of programming languages and development tools
- Good experience in team work, knowledge of support tools such as trackers, version control system
- Experience in obtaining information from the web: doc, API, blog, forum...
- When I have a problem, first search on Google, then ask to other people

Programming Languages	C, C++, Ruby, Java, Python, .NET C#, Ada, PHP, ML, L <sup>A</sup> T <sub>E</sub> X	Operating Systems	GNU/Linux Debian, Mac OS X
Other Languages	HTML, HTML5, CSS, CSS3, Javascript	Frameworks	Ruby on Rails
DBMS	MySQL, MongoDB, Redis, Oracle	Other	Apache2, Microsoft Visual Studio .NET, Git, GTK/QT, OpenGL

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## Interests

Computer programming	Open source contributor: <a href="http://www.github.com/pioz">http://www.github.com/pioz</a>
Cracking	XSS, SQL injection, Brute force scripting, DoS
Video games	World of Warcraft, Hearthstone, Quake 3 arena
Telefims	Game of thrones, Chuck, The Big Bang Theory, MacGyver, Smallville, Supernatural, Scrubs, Stargate SG-1

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## Additional

- Clean european driving license B
- Married to Deborah Stocco
- This CV is available as Ruby gem: `gem install epilotto_curriculum`