

Michele Simionato, Ph. D.

I work as an independent software consultant and trainer. My major expertise is in Python and actually I am a well recognized Python expert (google for “Michele Simionato Python”).

Personal data

Name: Michele Simionato

Title: Ph. D.

Job Title: Software consultant

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Date of Birth: 11/04/1969

Citizenship: Italian

Languages: Italian, English, French

Professional Experience

02/2005 - today: software consultant and trainer for Partecs, Dagomedia, Truelite

03/2004 - 01/2005: senior software developer at Partecs s.r.l. (Rome)

09/2003 - 02/2004: free-lance collaborator of IBMdeveloperWorks, O’ Reilly, Pyzine, etc.

10/2001 - 08/2003: Research associated at the University of Pittsburgh (USA)

03/1998 - 09/2001 : Post-doc fellow at the LPTHE of Jussieu (PARIS)

03-1995 - 02/1998: Ph.D candidate in Theoretical Physics at the University of Parma

Recent activities

In the last year, my activities as a developer were the following:

- I developed an Internet voting application for Partecs s.r.l;
- I developed an Intranet accessible document archive for Dagomedia s.r.l, to be used by an Italian bank;
- I developed a PDF converter for the same bank, using the ReportLab toolkit.

I also have a significant experience as a trainer:

- I gave remote training to Partecs developers in India;
- I gave a fairly complete Python course (64 hours) for the council of Bozen;
- I gave a course on advanced Python (8 hours) at the international ACCU conference in Oxford.

Finally, I have given some contribution to the Open Source community:

- written various articles published by IBM DeveloperWorks, O'Reilly, et al.
- written many Python recipes and released a “decorator” module;
- given a small contribution to the Chicken Scheme implementation.

I have worked with Zope, Quixote, Apache, MySQL, ReportLab and many other open-source technologies.

I have come back to programming after a long detour in Theoretical Physics (see <http://www.phyast.pitt.edu/~micheles/curriculum.html> for my scientific curriculum). I have been living in France (Paris) and in the U.S. (Pittsburgh) as a postdoc researcher.

Interests in software development

- agile methodologies and test driven development;
- rapid development techniques, prototyping and design of applications;
- programming paradigms (object oriented programming, functional programming, metaprogramming, etc.);
- mini-languages and programming languages in general;
- text processing and text generation.

Involvement with the Open Source community

I am quite active in the international Python community. I have contributed with posts to the newsgroup, recipes, articles and documentation. I have written papers on esoteric subjects such as metaclasses and multiple inheritance, as well a practical papers on scripting, testing and graph generation. Recently, I have released a “decorator” module (<http://www.phyast.pitt.edu/~micheles/python/decorator.zip>). Plus, I am often invited at international conferences.

June 2006: I will give a Python course at the EuroPython conference in Goteborg.

April 2005: Invited speaker at the Oxford ACCU conference where I gave a 8 hours course on advanced Python programming and a talk on testing methodologies;

October 2004: Invited speaker at the International CodeJam conference of Ferrara, where I gave a talk on doctest.

October 2004: Written a paper about Graphviz published by O'Reilly

September 2004: Written a paper about optparse published by pyzine

January 2003: Written an essay on Python Method Resolution Order hosted in the Python official website.

December 2002: Written a paper on metaclass programming in collaboration with David Mertz and published by IBM developerWorks

See <http://michelesimionato.objectis.net/MyWiki/MyWritings> for more.