Enrico Carlesso

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Current Position:

Stageaire in R&D division of M31.

Teaching

- Master degree in Computer Engineering - 101/110 (Università degli studi di Padova, 2011);

- Bachelor degree in Computer Engineering - 92/110 (Università degli studi di Padova, 2007);

- Accounting Diploma (I.T.C.G. L. Einaudi di Bassano del Grappa, 2003).

Experiences

- Full-time stage in the M31 R&D focused on web services development and new technologies;

- Thesis care of M31 titled "SCADA: A monitor and control remote system for industrial devices";

- Web application for different customers;

- Consultant for server design, deploy and maintenance;

- German Open 2007, "Humanoids Legue" with a team from Università degli Studi di Padova;

- Thesis care of Intelligent Autonomous Systems Laboratory titled "Simultaneous algorithms of localization and mapping based on Computer Vision";

- Written some opensource software, mostly in Python and C.

Computer skills

S.O.: GNU/Linux, Archlinux & Slackware *as first*, advanced knowledge in every field, from installation, to configuration, to support-software writing. Deep knowledge of *bash* scripting and good ability in scripting. Deep knowledge in the server area.

Programming: Excellent knowkedge of Python and C. Some experience with many other programming languages (Ruby, Java, Perl, C++);

Python: Deep knowledge in programming and dedicated environments: pyOpenGL, OpenCV bindings, pyQT. Deep knowledge of Twisted Framework. Knowledge of pys60 for Symbian;

Web: Excellent knowledge of PHP, MYSQL and PostgreSQL, excellent experience in everything web-related. Deep knowledge of CakePHP, Django and Ruby on Rails frameworks, and basic knowledge of major python frameworks (cherrypy, web.py, ...). Deep knowledge of Javascript, mostly in Mootools and jQuery;

Electronics: Good knowledge in Atmel microcontroller programming. Basic experience in PCB design. Knowledge of Eagle program. Development of a control board for robot engines control;

Other: LaTeX, emacs, (py)QT, OpenGL, vim, iptables, cups, samba, foss, network management.

Working Experience

- April 2010/Now: Stageaire at M31;

- May 2008/Now: freelance;

- January/May 2008: hardware/software care at DV Service (Romano d'Ezzelino - VI - Italy);

- May/October 2007: Research and develompent at Zilio S.p.A. (Cassola - VI - Italy), design and sell of a linux-based video surveillance system with HD cameras;

- 1999/2004: Week-end waiter at Villa Razzolini Loredan (Asolo - TV - Italy);

- June/October 2002: Technical clerk at "IALC" (Romano d'Ezzelino - VI - Italy).

Peronal interest

- Computer science;

- **F**ree and **O**pen **S**ource **S**oftware;

- Math, with special interest in algebra;

- Interaction between Electronic and Computer Science;

- October 2009 - Now: Linux User Group of Bassano del Grappa (GrappaLUG).

Language skills

Italian: Mother tongue;

English: Good level of understanding and writing;

German: Basic knowledge.

I authorize to deal with information in this document according to the Italian Law n. 675/96

This resume is under *git*. You can checkout the updated version:

```
$ git clone git://github.com/carlesso/ecarlesso_cv.git
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