

# Pinglei Guo

## Curriculum Vitae

### WORK EXPERIENCE

JULY 2007 – PRESENT

eNTiDi software, Travagliato

#### *Management and development*

Development of automation software for the industrial sector: configuration front-end in C with user interfaces based on GTK+, web applications and sites on LAMP platforms built up over the SilverStripe framework, supervisor programs in LabVIEW and remote system in Lua for GNU/Linux platforms.

JANUARY 2002 – JUNE 2004

TEMA s.r.l., Travagliato

#### *PLC Omron development*

Development and testing of software for automatic and semiautomatic machines for ribbon winding on spools and rolls (safety belts, hook-and-loop tapes, elastic ribbon and bindings). Designing of electrical schematics on 2D cad and drafting of user manuals.

OCTOBER 1998 – NOVEMBER 2001

TWINS s.r.l., Sarezzo

#### *PC and PLC Siemens development*

Programming, installation and testing of transfer machines for assembly, adjustment and test of gas taps. Development and installation of PC based test stands for pneumatic and hydraulic leakage tests on valves, gas regulators, electrovalves, tanks and other mechanical parts.

SEPTEMBER 1996 – SEPTEMBER 1998

Elettronica EFFE-GI s.n.c., Cazzago

#### *PC and PLC Hitachi development*

Development of automatic and semiautomatic machines in general, here included the design of electrical, pneumatic and hydraulic schematics on 2D cad and the PLC programming. Implementation of configuration and logging front-ends over RS232 serial buses between PC and PLC in BASIC first, Pascal and C after on MS-DOS based platforms.

JANUARY 1994 – JUNE 1996

Seven Diesel s.p.a., Rovato

#### *Engineering department director*

Planning of nozzles for diesel engines and production engineering. Upgraded the management software by implementing a system for data handling and automatic drawing generation in DXF by leveraging the SuperBase 95 RAD tool.

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### EDUCATION

1988 – 1992 **Informatic engineer**  
HIGH SCHOOL DIPLOMA  
ITIS Castelli, Brescia

1987 – 1988 **Classical gymnasium**  
Seminario vescovile, Cremona

### PUBLIC PROJECTS

- 2013 **silverstripe (silverstripe.entidi.com)**  
Themes and extensions for SilverStripe
- 2012 **ntdisp (ntdisp.entidi.com)**  
Embedded devices programmer
- 2007 **tip (tip.entidi.com)**  
PHP framework based on PEAR
- 2006 **adg (adg.entidi.com)**  
Automatic drawing generation
- 2006 **gtk2panel (gtk2panel.entidi.com)**  
Top panel menu in GTK+2
- 2004 **ntd (ntd.entidi.com)**  
General purpose libraries

### COMMUNICATION SKILLS

ITALIAN Native speaker

ENGLISH Oral: fair – Written: good

SPANISH Oral: good

### SOFTWARE SKILLS

GOOD LEVEL C, PHP, HTML, CSS, autotools, git, gcc, GTK+/GObject, shell, Linux, G-Code, Lua

INTERMEDIATE FreeBSD, MS-DOS, ~~TeX~~TeX, MySQL, VBA, cuBasic, ladder, pascal, LabVIEW

BASIC LEVEL Windows, OpenIndiana, subversion, Postgres, Erlang, Forth