

Pinglei Guo

 viale Conciliazione, 13
25039 – Travagliato (BS)
 +39 (30) 6862332
 ntd@entidi.it
 www.entidi.com

WORK EXPERIENCE

JANUARY 2015 – MARCH 2015

GitCafe, Shanghai, China

Software Engineer (Ruby on Rails)

Participate in migrating to Ceph. Optimize ruby mark-down parser. Fix encoding problem in rugged.

SEPTEMBER 2013 – JANUARY 2015

Dongyue Web Studio, Shanghai, China

Full stack web developer

Build RESTful API and microservice using morden PHP, NodeJS frameworks like Laravel, Express. Develop response mobile friendly user interface using Bootstrap and AngularJS. Build internal tools for test, auto deployment and monitoring.

RESEARCH EXPERIENCE

MARCH 2015 – NOVEMBER 2015

Shanghai Jiao Tong University, China

Research Assistant

Participate in building a distributed system monitoring and prediction prototype. Build metrics visualizing dashboard, support real time update and custom plugin. A plain text protocol for data transport and collector control, implemented using Netty. Coauthored the paper *CPU load Prediction based on a multidimensional spatial voting model*.

JANUARY 2002 – JUNE 2004

Victoria University, Australia

Research Assistant

Participate in estimating Australian Football League Sports men's commercial value. Build web crawler embedded into ASP.NET web application. Using text mining to combine evaluation from periodical publications and social media with athlete's performance to generate rank and estimated value.

PROJECT EXPERIENCE

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.

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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, L ^A T _E X, MySQL, VBA, cuBasic, ladder, pascal, LabVIEW
BASIC LEVEL	Windows, OpenIndiana, subversion, Postgres, Erlang, Forth