

Paulo Ricardo Paz Vital

Computer Engineer
Brazilian
28 years old
Married

Mobile: +55 19 8205-1918
pvital@gmail.com
<http://www.pvital.org>
<http://blog.pvital.org>

Education

M.Sc. Computer Science, University of Campinas (Unicamp), Brazil, end of 2009 (expected)

B.S. Computer Engineering, Dom Bosco Catholic University (UCDB), Brazil, 2003, *Best Student of Class*

Knowledge

Knowledge in computer theory, computer systems, distributed systems, parallel computing, high performance computing (HPC), computer architecture, free software and systems, project management (PM) and SCRUM.

Specific knowledge in:

- Operating Systems: Linux, Solaris, Unix-like, Windows
- Programming to: Linux, Unix e Windows;
- Programming Languages:
 - * Principal languages: C, Python, Shell Scripting, HTML, PHP
 - * Secondary languages: C++, Java, MIPS;
- Creation of Database Projects using SQL: MySQL and PostgreSQL
- GNU/LINUX Network and Servers Administration
- Database Administration

Employment

IBM Brazil Hortolândia, SP, Brazil
Software Engineer June 2006 - Present
Software engineering at Brazilian IBM Linux Technology Center (LTC). Also an IBM Academic Ambassador, LTC Brazil Morale Team member in 2008 and inventor of two patents. Worked in the following projects:

1. IBM Installation Toolkit for Linux on POWER (Jun/2006 until Dec/2007);
2. Yaboot (Jan/2007 until Dec/2007);
3. IBM Server Consolidation Tool (Dec/2007 until Oct/2008);
4. Multicore Development Tools - Cell IDE (Oct/2008 until Jan/2009);
5. IBM ServerGuide Scripting Toolkit Linux Edition (since Jan/2009).

CPqD Telecom & IT Solutions Campinas, SP, Brazil
Support Engineer October 2005 - May 2006
Support engineering (level 3 support - environment support) of the CPqD Plant Management (CPqD Gerência da Planta) product.

Publications

Vital, P. R. P., *IBM Installation Toolkit: Loading Linux on POWER*, IBM developerWorks, 2007.

Vital, P. R. P., Santos, R. R., *Avaliação de Desempenho dos Componentes de Políticas de Escalonamento de Processos em Ambientes Distribuídos*, V Workshop em Sistemas Computacionais de Alto Desempenho - WSCAD'2004, 2004. *(in portuguese)*

Conference Presentations and Talks

Programação Multicore: Como sobreviver a esta revolução?, CONISLI 2008, São Paulo, SP, Brazil
(*in portuguese*)

Linux on POWER, SEMANTEC 2007, Campo Grande, MS, Brazil (*in portuguese*)

Patents

Two patents under registration at the United States Patent & Trademark Office (USPTO);

Groups and Associations

Brazilian Computer Society (SBC - Sociedade Brasileira de Computação) <http://www.sbc.org.br/>

Self-Regulating Body of the Engineering Profession of the State of São Paulo (CREA-SP - Conselho Regional de Engenharia, Arquitetura e Agronomia de São Paulo) <http://www.creasp.org.br>

Honors and Awards

Best Student of Class, Brazilian Computer Society (SBC), 2003

Certifications

Certified Scrum Master, Scrum Alliance;

Advanced Conectiva Linux Certification, Conectiva (*has expired*)

Basic Conectiva Linux Certification, Conectiva (*has expired*)

Languages Proficiency

Portuguese: native language; reads, speaks and writes fluently

English: reads and writes fluently; speaks good

Spanish: reads, speaks and writes basically