

CURRICULUM VITAE

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EDUCATION

- 2009 – present Currently enrolled at the MSc in Interaction Design, Game Design track, at Chalmers University of Technology, Sweden.
- 2004 – 2008 BSc in Applied and Computational Mathematics at the Universidade Federal do Rio Grande do Sul, Brazil.
- 2000 – 2002 Degree in Information Technology (equivalent to HND in the UK) at the Technical School of the Universidade Federal do Rio Grande do Sul, Brazil.

IT SKILLS

- General hardware skills: installation and maintenance of hardware in general like motherboards, video cards, hard drives, etc.
- Programming skills: advanced knowledge of procedural and object-oriented programming in the languages C/C++ and PHP. Intermediate knowledge of SQL and BASH. Versioning systems, CVS, SVN, Git.
- Computer Graphics: understanding of several techniques
 - OpenGL and OpenGL Shading Language (GLSL)
 - CUDA architecture.
 - Notions of Raytracing.
 - Physics Simulation: techniques for collision detection, classical mechanics, physics engines.
- Other format types: HTML and basic knowledge of CSS and XML.
- Operating system skills:
 - Windows: Advanced knowledge of Microsoft Windows 98/2000/XP/Vista. Installation and configuration. Hardware configuration.
 - Linux: Advanced knowledge of the Linux operating system: installation, configuration of graphic environment, configuration of devices, configuration and maintenance of services such as Samba, Iptables, NAT, Apache, MySQL, etc.

- Graphic software: basic knowledge of Adobe Photoshop and The GIMP.

LANGUAGES

- Portuguese fluent. Native speaker.
- English fluent. Scored 106 out of 120 in TOEFL Internet-based test.
- Spanish intermediate.
- Dutch basic.
- Swedish basic.

PROFESSIONAL EXPERIENCE

Mar – June 2009

Fonet Brasil Ltda.
Developer

- PHP programming for a back-end service.
- C and BASH programming for Linux.
- RPM packaging

May - Aug 2008

Google Inc.
Google Summer of Code 2008

Contract worker for Google in their Summer of Code program. My project was to implement Unicode support into PHP 6 for the PHP project, working with Scott MacVicar as my project mentor.

- Programming using the C language.
- Implement Unicode support into several PHP extensions using the ICU library.
- Write PHP unit tests.

Sep 2002 - Feb 2004

Dixtal Biomédica
Development technician

- Perform maintenance in the workstations and servers in both hardware and software.
- Installation of Operating Systems (Windows 98/NT/2000/XP, Linux: Red Hat, SuSE and Slackware).
- Installation of Oracle products in Windows Workstations and Linux servers.
- Installation, configuration and maintenance of Virtual Private Networks (VPN) under IPsec and PPTP protocols.

Apr 2002 - Sep 2002

Dixtal Biomédica
Trainee

- Perform maintenance in the workstations and servers in both hardware and software.
- Installation of Operating Systems (Windows 98/NT, Linux: Red Hat, SuSE).
- Installation of Oracle products in Windows workstations and Linux servers.

Apr 2001 - Jan 2002

Universidade Federal do Rio Grande do Sul
Tutor

- Work with students teaching, helping, and encouraging them to do their tasks on subjects related to C and Delphi programming languages.
- Assist the network administration.

Jun 2000 - Jan 2001

Prefeitura Municipal de Porto Alegre
Trainee

Projeto Informatização nas Escolas da Prefeitura Municipal de Porto Alegre: A municipal project which aim was to bring poor children in contact with computers at school.

- Assist tracing the needed resources for the purpose of keeping all equipment working.
- Assist and guide children in their interaction with computers