



Ivan Freitas

Curriculum Vitae

Education

2009 - current **Computer Engineering**, *State University of Campinas*.

Experience

Work

2009 - 2010 **Linux Distribution: *Librix***, UNICAMP/Itautec, Brazil.
Development of a Linux distribution based in Gentoo, called Librix. The work included:

- Packaging programs
- Bug fixing, both in programs and in the distro generation process
- Creation and maintenance of system configuration and customization
- Generation of a Linux system compiled from a minimal initial system

Research

2012 - 2013 **Undergraduate research project: SPARC16**, *Laboratory of Computer Systems (LSC) - UNICAMP, Campinas*.
Extensions to the ArchC language to simulate architecture with multiple word sizes, like SPARC16, for example

Computer skills

Basic Linux system administration, Haskell, Scheme, Lua, Shell scripting
Intermediate Python, L^AT_EX, C++
Advanced C, Linux systems, Git

Languages

Portuguese **Native language**
English **Intermediate**

Good reading skills

Interests

- Compilers
- Computer Architecture
- Embedded Systems
- System Administration
- Functional Programming