

NICOLAS PIERRON

**Computer Science Engineer with a research background (graduated from EPITA, 2008).
Search a job with: Technical Challenges & Core Development.**

Education

Sep 2008 - Jul 2009	Fundamental Physics at Pierre and Marie Curie University.
Feb 2006 - Aug 2008	LRDE (EPITA Laboratory of Research and Development), Attribute grammar, Program transformations, C++ parsing.
Aug 2008	graduated from EPITA. (Computer Science Engineer School, 5 year degree)
May 2003	“Concours Général” candidate in Mathematics. (National competition for 12 th grade students)

Professional Experience

Sep 2007 - ...	Free Software Developer - NixOS (Linux distribution) - Paris, France <i>Extra:</i> Introduce non-intrusive extension based on maximal laziness. (Nix)
Apr 2009 - Jun 2009	Modern Physics Teacher - EPITA - Paris, France Lectures mainly focused on quantum physics and recent experiments. (14h, 50 p.)
Feb 2008 - Aug 2008 <i>internship</i>	Software Developer - Delft University of Technology - Delft, The Netherlands Added a system to handle term rewriting with attribute grammars in Stratego. <i>Extra:</i> Fixed the build system to easily support extension in the bootstrapping of the compiler. (Stratego, Autotools)
Sep 2006 - Dec 2006 <i>internship</i>	Software Developer - Lip6 / University of Paris 6 - Paris, France Developped transformations based on Mikal Ziane’s research to improve the maintainability of Java programs. <i>Extra:</i> Extended & Simplified the model to ease transformations. (Stratego, Java, Prolog, Hybrid logic)
Aug 2006	Game Server Developer - eAcceleration - Paris, France / USA Extended and corrected the server of the game named T4C. (C++)
Sep 2005 - Jun 2006	Teacher - Epita - Paris, France Help first-year students to develop in OCaml and Delphi. (30 p.)
Aug 2005 <i>internship</i>	Software Developer - This Planet - Queensland, Australia Researched new technology to export This Planet’s works on the web with security constraints. (Apache Tomcat, Power Builder)

Skills

Languages	English: Fluent. French: Mother tongue.
Operating Systems	Linux (NixOS, Gentoo, Debian, Fedora, Android), Free BSD, SunOS, Windows
Programming Languages	Nix ^{*†} , Stratego ^{*†} , C++ ^{*†} , C, Pascal [†] / Delphi, Fortran, Prolog [†] , OCaml [*] , Lisp, Haskell ^{*†} , Asm x86 [†] , Asm SPARC, Motorola 68k [†] , Shell [*] , Ruby, Python, Perl, awk, sed, Action Script [†] , PHP [†] , MySQL, Java, ... (*: preferred, †: self-educated)
Development Tools	Emacs, Git, Subversion, Autotools, ...
Text Presentation	L ^A T _E X, Word, Excel.

Other

Licences	French driving licence 2004, French Soaring licence 2009.
Publications	Semantics driven disambiguation: A comparison of different approaches (LDTA’08) NixOS: A Purely Functional Linux Distribution (JFP’09, waiting for approval)