Sylvain LE GALL

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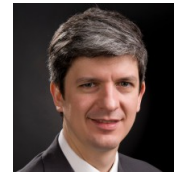
Software Engineer at Google

Education :

2002-2003	**Ecole Nationale Supérieure des Télécommunications (Telecom ParisTech)**
	Design and method of digital electronics, Robotic and embedded system, ASIC design
1999-2002	**Ecole Polytechnique (Palaiseau, France)**
	Teaching units of computer science (Programming language)
1996-1999	**Lycée Saint Louis**, Paris (PCSI - PC*)

Experience :

2011	**Google**, Software Engineer
2008-2011	**OCamlCore**, Houilles as founder and manager

- High-speed file manipulation software (sort, join, map) with a MapReduce design
- Yearly OCaml Meeting organization
- Ocsigen websites: OASIS-DB (a CPAN for OCaml)
- Debian GNU/Linux expert (Debian developer since 2005)

2006-2007	**Metaware Technologie**, Le Pecq
	Tools for renovating mainframe legacy COBOL code
2003-2006	**SAGEM Defense and Security**, Eragny Sur Oise, URD 20-30
	Software design of an airborne mission planning system
2002	**Intranode,** Rennes (trainee, tools for automated network security testing)

Spoken languages and computer science :

Anglais	Fluent, several travels to the USA and UK
German	Berlitz Level 4 (intermediate level)
Language	OCaml (expert), C, C++, Java, Python, Perl, Refine
OS	Windows Vista, Linux (Debian/Ubuntu)
Office	OpenOffice.org

Papers:

[Enforcing Type-Safe Linking using Inter-Package Relationships](#)
M. Dogguy, S. Le-Gall, S. Glondu and S. Zacchiroli, JFLA 2010

Talks:

OCaml in Debian, *OCaml Meeting 2008*
OCaml as fast as C, *OCaml Meeting 2009*
OASIS presentation, *CAML Consortium 2009*
OASIS, *OCaml Meeting 2010*