

Experience

- 2014-2017 **Full-time employee (3 years)**, *Satcom1 France*, Le Bourget, France.
- Router for business aviation for satellite Internet access
 - Highly network-efficient link aggregation software
 - Modernisation of the Web interface with improved UX
 - Debian packaging and build systems
 - Mentoring of new recruits
 - Linux, C, C++, Shell script, PHP, Perl, Javascript, HTML, CSS, TLS, RRD, autotools
- 2012-2014 **Full-time employee (2.5 years)**, *OpenWide Ingénierie*, Paris, France.
- In-Flight Entertainment system for commercial aviation (2 years): GUI implementation, packaging, underlying Debian distribution management, maintenance tools
 - Occasional sysadmin role: telephony, server maintenance, almost successful usage of tc
 - Software integration of a SOHO gateway (4 months) (firewall, routing, WiFi, VPN)
 - Linux, C, Shell script, Enlightenment Foundation Libraries
- 2011 **Intern (3 months)**, *KMP Motorsports*, Enschede, The Netherlands.
- GTK+/OCaml software to visualize gigabytes of data in real-time on netbooks.
 - Qt/C++ software to control an embedded device with a simple user interface.

Personal projects

- 2017–present **Prose**, High-performance collaborative text editor in JS and OCaml.
- 2011–2014 **labgtk**, GTK+2 bindings for OCaml.
- 2009–present **Win-builds**, Free software distrib. for Windows with package manager, built on Linux.
- 2005–present **Contributions to open-source projects**, OCaml, EFLs, mingw-w64, wget, bsd-tar/libarchive, WebKit,
- 2005–present **French translations**, nLite (system tool for windows), midori (web browser), xz (compression tool).

Community Projects

- 2016–present **FFDN**, *Federation of DIY ISPs*.
Board member, analysis of EU laws and regulations, answers to public consultations, day-to-day projects of the association
- 2014–present **Franciliens.net**, *Do-It-Yourself ISP*.
Board member, day-to-day projects of the association
- 2003–present **Involvement in communities**.
OCaml, Slackware Linux, mingw-w64, xz, Enlightenment, WebKit

Education

- 2008–2011 **Masters Degree, CPE**, Lyon, 3rd, 4th and 5th years of higher education.
- Electronics: analog and digital
 - Computer science: C, C++, Operating Systems theory, networks, databases
 - Embedded software, compilers, graph algorithms
 - Management, economics, Quality and Assurance
- 2006–2008 **Classes préparatoires Maths-Physique Janson-de-Sailly**, Paris.
Two years intensive courses in Math and Physics. Theoretical computer science; lessons and exams focused on theorem proving and algorithmic complexity using OCaml.

Languages

French	Native speaker	<i>very good grammar and vocabulary</i>
English	Native speaker	<i>daily practice of English</i>
German	B2 level	<i>occasional practice</i>

Skills

Tools	vim, git, zsh, {core, find}utils, qemu, L ^A T _E X, LibreOffice
Programming Languages	OCaml, F#, C, Shell scripting, Awk, Javascript, PHP, AutoHotKey; strong interest in algorithmic performance and static safety
Operating Systems	GNU/Linux (Slackware), Windows; very good in-depth knowledge of both