

*Hi, I am a creative, committed and efficient geek, who builds and manages software projects.  
I am at ease with machines & humans, and can both clear out the technical field and listen to the user.  
I bring decades of experience hacking on and collaborating around software, both closed & open.*

## Skills

<b>Human</b>	Recognized <b>team worker and knowledge sharer</b> , supporting colleagues and writing well Frequently praised for <b>clear and efficient analysis &amp; customer support</b> Efficient and empathetic <b>technical team lead</b> , able to lead change and train people
<b>Technical</b>	Productive in <b>Node.js (TypeScript, JavaScript), Rust, HTML/CSS/React, Python, Linux/shell</b> Interested in (and willing to ramp up quickly with) Go, Erlang / Elixir Solid <b>DevOps &amp; CI</b> experience (Jenkins/Shippable/Travis, Docker, Shell/Python/Ant, Git/Hg/SVN) Strong knowledge of <b>AWS (and other clouds)</b> and configuration management with <b>Terraform</b> Deep <b>software culture</b> (tools, techniques, security, system internals, history) Frequent <b>contributor</b> to dozens of <b>free / open-source</b> projects
<b>Methods</b>	Familiar with <b>Agile / Scrum / Kanban / TDD</b> approaches, 2 years leading as Scrum Master

## Experience

### **Current (since February 2018): Software Developer** ([Unito](#), Montreal, Canada)

Focus: Scale a growing backend codebase & team (TypeScript, AWS, MongoDB, Redis, React, Terraform)

- Led specification and development of several new software services
- Led dozens of instrumentation / disaster recovery / reliability improvement initiatives
- Led overhaul & stabilization of core low-level mechanics (rate limiting, caching, memory management, etc.)
- Introduced dozens of key developer tooling & quality-of-life changes (deployment, improved tests/typing, etc.)
- Cemented dev / tooling / CI practices (Shippable/Shell/Python/Git), trained all new developers
- Supported colleagues daily, through direct help and feedback on specifications

### **October 2015 – Dec. 2017 (2 years) Software Developer** (Cadens Medical Imaging, now [Imagia](#), Montreal, Canada)

Focus: Re-architect and re-write a medical imaging thick+thin client (C++, Qt, QML, CouchDB, JS, TypeScript, Vue.js)

- Designed and built a permissions layer/middleware for CouchDB
- Designed and built a web annotation tool enabling efficient feeding of a Machine Learning pipeline
- Maintained a legacy colonoscopy annotation web interface under tight deadlines (vanilla JS)
- Led User Experience prototyping and participated in product re-architecture

### **August 2013 – August 2015 (2 years) Software Developer** ([Outbox Technology](#), Montreal, Canada)

Focus: Full-stack maintenance and improvement of a ticketing system (Python, SQL, vanilla JS, React)

- Engaged and completed a major backend+frontend stabilization of a severely under-maintained ticketing system
- Prototyped, designed, and built the frontend revamp of the main web ticketing service (from Flash to React.js)
- Documented and instrumented the revamp for easy onboarding of new developers
- Took ownership of the Continuous Integration & automation pipeline (Jenkins/Python/Shell/Git/Selenium)

### **June 2010 – May 2013 (3 years) Technical Lead** ([Processia](#), Montreal, Canada)

Focus: Develop and technically supervise Product Lifecycle Management projects (JS, C#, SQL, Aras, ENOVIA V6)

- Led attempt to know and sell a promising new PLM platform (Aras PLM) in close partnership with the founder
- Led a team of 8 devs during the challenging migration of a “heavy long-time user” company
- Introduced CI / testing / automatic deployment pipeline (Jenkins/Ant/SVN)
- Was the sole recipient of official training for ENOVIA V6, the “big new thing” and trained all devs on it
- Helped start a wiki, and an internal StackOverflow-like tool, fostering collaboration.
- Contributed generously to documentation

**2009 (1 year) Project Manager** ([PEG SA](#), Geneva, Switzerland and [PEG India](#) & [PEG SEA](#), India / Philippines)

**Focus:** Lead & implement a PLM solution for multi-site engineering data management (Windchill, ProEngineer, ACAD)

Conducted company-wide business analysis & wrote detailed specifications for the new system

Prototyped & evaluated multiple choices, both custom-made and commercial

Implemented & customized the chosen solution, deploying it on 40 workstations

Trained 60 users across Switzerland & Asia, and wrote user and administrator documentation

**2008 (1 year) Project coordinator / Developer** ([HP](#), Grenoble, France)

**Focus:** Support an operational team during a challenging migration from in-house production planning software to SAP

Fixed the team tools broken during the migration, using ad-hoc Excel/VBA reporting tools

Specified & developed new SAP/BW reports, interacting with core SAP team to quickly fix functional gaps

Documented new tools and trained 50 users



## Languages

**French** Native language

**English** Read, written, spoken fluently; daily professional use

**Spanish** Read, written, spoken intermittently and during a 6-months experience in Chile



## Education

**2007-2008** Specialization in Information Systems and Software project management

[ENSIMAG](#), Grenoble, FR

**2006** 6 months academic exchange in Chile

[Univ. de Chile](#), Santiago

**2005-2008** Master, Grenoble Institute of Technology - Industrial Engineering

[ENSGI](#), Grenoble, FR

**2002-2005** Introductory courses to Grandes Écoles - PSI

Lycée Loritz, Nancy, FR

**2002** High school diploma - Scientific specialization

[Lycée Fabert](#), Metz, FR



## Interests

**Sport** Long-distance running (trail, marathon, triathlon), cycling, swimming, trekking

**Music** Guitar, singing, glockenspiel, bandura  
Composed, recorded & produced two homebrew albums, [ronj.bandcamp.com](#)

**Art** 2D/3D graphic design  
Web design, typography, photography  
Video game development

**Software** Frequent contributor to dozens of free / open-source projects, through code / docs / bug reports  
(Arch Linux, GNOME, Ubuntu, Firefox, Thunderbird, the Linux kernel, the Fish shell, etc.)  
Ex-maintainer for 4 years of [Nativefier](#), a tool to package websites as Electron apps (32k GitHub stars)  
Created a minimal music discovery platform as I was learning Python: [Daily Grooves](#)  
Constantly staying in touch with news from the software ecosystem  
Blogging about software news at [ronan.jouchet.fr](#), published using a cute custom static site generator  
Take a look at a few of my code & issue contributions at [GitHub / ronjouch](#)  
Read me comment on tech at [HN / ronjouch](#)