

# Freddy Limpens

*French 37 years old engineer and data scientist*

✉ [freddy@limpica.net](mailto:freddy@limpica.net) | 🌐 [limpica.net](http://limpica.net) | 📄 [GitHub](#) | [in LinkedIn](#)

## Experience

- 10.2017 - 12.2018 **University of Bologna, Italy** Researcher and engineer, [SCAR project](#); Development of a solution for analysing citations data within scientific literature mixing machine learning, NLP, and Semantic Web. Project in collaboration with [Elsevier B.V](#) (Amsterdam).
- 01.2017 - 09.2017 **limpica.net** Consultant; Web solution design and modeling for digital fabrication in collaboration with [antoinemazurier.com](http://antoinemazurier.com).
- 09.2015 - 12.2016 **Université de Lille** : Architect and Developer of automated solutions for multi-channel publishing (Web, Moodle, OpenEDX) of the mooc [Culture Numérique](#).
- 11.2013 - 09.2015 **Fuzzy Frequency, Digital art and web agency** : Associated partner & full-stack developer for collaborative web applications (e.g [file sharing app](#), projects sharing platform [Makerscience](#)), and webdocs and installations (e.g. [Arte.tv Worldbrain](#)).
- 12.2012 - 10.2013 **Imagination for People** : Technical coordinator and developer for the collaborative platform [Imagination for People](#) dedicated to the discovery and sharing of social projects.
- 01.2011 - 02.2012 **Ecole Polytechnique Fédérale de Lausanne, EPFL** : Postdoc researcher in the [REACT team](#), Modelling and collaborative software prototyping in the European Project [ROLE](#) focused on agile and responsive digital learning environments.
- 09.2007 - 10.2010 **Institut National de Recherche en Informatique et Automatique, INRIA** : Phd in the [Wimmics team](#) working on social tagging data analysis, Linked Data-based structuring, and Web services development. Thesis on [Multi-points of view semantic enrichment of folksonomies \(slides\)](#)
- 09.2004-02.2005 **Fluydin France** :Internship in a consultancy and software modeling company in fluid dynamics and acoustic area. Enhancement of algorithms for modelling noise propagation on long distance.

## Technical skills

Python (Django, Flask)	Javascript (jQuery, Leaflet)	Data-mining
Testing (Python Unittest)	AngularJS	Scientific Computation
Java (J2EE)	Semantic Web (RDF, SPARQL)	Matlab
SQL (PostgreSQL, MySQL)	Git	CAD (FreeCad)
HTML5/CSS3	Linux (sys-admin)	MicroControllers

## Education

- 2007 - 2010 **Université Nice Sophia Antipolis** Computer Science PhD, Multi-point of view collaborative structuring of folksonomies (supervisors: Fabien Gandon and Michel Buffa)
- 2005 - 2007 **Chalmers University of Technology** MSc Applied Information Technology, specialized in Digital Arts and Interactive systems
- 2000 - 2005 **Université de Technologie de Compiègne UTC** Engineer Degree in Mechanics, specialized in Acoustics and Modelling

## Language and other skills

<b>English</b> : fluent	<b>Driving Licence (B)</b>	Wood works and design
<b>Italian</b> : fluent	Digital fabrication	Occasional guitar player
<b>French</b> : native	3D modelling	DIY and free software