

Freddy Limpens

French 36 years old engineer, PhD and full stack web developer

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Experience

- 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. [Cartographies Urbaines \(TAZ\)](#), [Arte.tv Worldbrain](#)).
- 12.2012 - 10.2013 **Imagination for People** : Technical coordinator (following agile methods) 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 developpement. 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 in 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

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