

Romain Giovanetti

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<https://ganoninc.github.io/resume/>

Seeking a full-stack designer position to create user-friendly applications

Summary Curious and versatile full-stack designer with 4 years of various professional experiences and a master's degree in computer science.

Experience **Research Engineer, CNRS / CRISAL Lab. / NOCE Team**
Lille, France — October 14'-August 17'

Designing, building and maintaining a system that allows to capture and analyse thousands of tweets per second thanks in particular to Elasticsearch. This system features in particular services that extract new knowledges from tweets, a dashboard for visualizing charts and querying the data powered by AngularJS and Node.js, and a RESTful API. Continuous research and development.

- Two publications in the IEEE international conference on Advances in Social Network Analysis and Mining 2016 (ASONAM);
- A distributed platform for collecting and processing billions of tweets;
- A fast, beautiful and easy to use dashboard;
- Methods to extract sentiments, gender and geolocation from tweets.

Full-Stack Designer, La Maison De L'Eleveur

Vouziers, France — June 14'-September 14'

Rebuilding from scratch the e-commerce website of the company. Rearranging their catalogue (more than 1500 references). Prototyping easy to use user interfaces and powering them using Symfony 2, Bootstrap and jQuery. Deploying the new website, maintaining it and improving it according to feedbacks.

- A whole new website prototyped, designed and built within 3 months by my own means;
- A greatly enhanced customer experience that led to an increase of requests for quotations.

Research Engineer, CNRS / CRISAL Lab. / NOCE Team

Lille, France — March 13'-February 14'

Reading state of the art papers about interaction in museums. Trying to change the way people visit the museums in order to better engage them. Prototyping and designing easy to use mobile devices using Arduino. Building a central system to remotely manage, configure and watch for traces the devices. Creating a simple dashboard to browse the traces using charts. Deploying the devices and the system in the museum of fine arts of Tourcoing. Evaluating the users' experience.

- Bracelets that communicate with each other, using Arduino nano, Xbee modules, batteries, handmade cases, vibrators, RFID chips, and other small components;
- Contactless quiz terminals, using Arduino mega, ethernet shields, RFID shields, and other small components.

Education **LILLE 1 University - Science and Technology**

Master of Science in Computer Science (e-services) — 2012-2013

Including an Erasmus semester at the Technische Universität of Graz, Austria in 2012.

Main Skills **User experience** **Usability** **Architecture** **Design** **Data mining** **NLP**
Human-computer interaction **API**

Node.js **AngularJS** **Elasticsearch** **Symfony 2**

English (C1) **German (A2)**

References Available upon request.

Links Online Resume: <https://ganoninc.github.io/resume/>
LinkedIn: <https://www.linkedin.com/in/romainjg/>
GitHub: <https://github.com/ganoninc/>
Twitter: <https://twitter.com/Ganoninc>