

# Julien Plu

My name is Julien Plu, I am passionate by different things. My strongest passion are computers since I had my first one at 6 years old. Besides computers, I also like doing sport, such as tennis that I practiced for 11 years or scuba diving that I still practice since more than 20 years. Another passion is music, I love playing guitar, I play mainly hard rock and metal music but I also like any kind of other music. As most of the persons of my generation, I love video games since my youngest age, any kind of video games. The last but not the least of my passions is, traveling, every year I try to visit two or three countries abroad France, mainly for doing scuba diving.



## Contact Info

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## Portfolio

🌐 <https://jplu.github.io>

🌐 <https://github.com/jplu>

## Skills

### Research Areas

Natural Language Processing

Machine Learning

Deep Learning

Semantic Web

### Languages

Java

Python

Go

C and C++

### Frameworks

Java: Spring, Spring Boot, Spring

Cloud, Stanford CoreNLP

Python: Tensorflow, Numpy,

Pandas, scikit-learn

Go: Gin, cobra, viper

### Web Development

VueJS

### Operating Systems

Linux

Windows

Mac OS

### Miscellaneous

Docker

Kubernetes

Google Cloud Platform

## EXPERIENCES

- 2018-04 | present**  
**Applied Scientist**  
Leboncoin  
📍 Paris, France
  - My role at Leboncoin is to investigate new approaches and ideas involving machine learning in order to improve the experience of our users.
- 2018-01 | 2018-03**  
**R&D Engineer**  
Mondeca  
📍 Paris, France
  - Help to develop the internal software of the company on Semantic Web technologies.
- 2014-07 | 2017-12**  
**PhD candidate**  
Eurecom  
📍 Sophia-Antipolis, France
  - My PhD topic is to extract lexical units (entities) from textual documents to disambiguate them against Web resources contained in a knowledge base and in an adaptive manner. This adaptivity is on the language of the processed texts, the used knowledge base and the textual content that can be either formal text (journalistic style) or informal text (microposts).
- 2013-04 | 2014-06**  
**Software Engineer**  
Aepylon  
📍 Sophia-Antipolis, France
  - Consultant at Orange on semantic Web, NLP and Machine Learning technologies for their in-house Web search engine. My works was about to implement a natural language question module. Take a question in natural language and turn it into a SPARQL query to provide an answer and to put DBpedia technologies into Orange production pipeline. I also prototyped a French entity relation extraction system from crawled Web pages in order to populate a knowledge base.

## SELECTED PROJECTS

- 2014-07 | present**  
**ADEL**
  - ADEL stands for ADaptive Entity Linking. It is the output of my thesis. It is developed in Java (Spring, Spring boot and Spring Cloud)
  - The code can be found at: <https://github.com/jplu/ADEL>
- 2016-12 | present**  
**DeepNER**
  - DeepNER is a Named Entity Recognition approach that uses a Deep Learning architecture developed during my PhD. It is developed in Python with Tensorflow
  - The code can be found at: <https://github.com/jplu/DeepNER>

## EDUCATION

- 2017**  
**Ph.D. in Computer Science**  
Eurecom  
📍 Sophia-Antipolis, France
- 2012**  
**Master in Computer Science (AI speciality)**  
University of Montpellier II  
📍 Montpellier, France
- 2010**  
**License in Computer Science**  
University of Montpellier II  
📍 Montpellier, France
- 2017**  
**Scientific baccalaureate**  
High School Joliot Curie  
📍 Sète, France