

Julien Plu

My name is Julien Plu, I am passionate by different things. My strongest passion is about computers since I had my first one at 6 years old. Besides computers, I love also doing sport, like tennis that I practiced for 11 years and scuba diving that I practice since more than 20 years. Another passion is music, I love playing guitar since more than 5 years, 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.



EXPERIENCES

- 2018-04**
|
present
Applied Scientists
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**
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2018-03
R&D Engineer
Mondeca
Paris, France
 - Help to develop the internal software of the company on Semantic Web technologies.
- 2014-07**
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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**
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2014-06
Software Engineer
Aepsilon
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

Contact Info

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93170, Bagnolet, France

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