


Celian RINGWALD

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Since dec. 2022, I'm working as Phd Student on the following research question : How to learning RDF pattern extractors for a given language from dual bases Wikipedia/Linked Open Data.

Keywords : Semantic web, Knowledge graphs, NLP, Computational Linguistics, Deep Learning

WORK EXPERIENCE

1 year 2 months

Oct. 2021 - Nov. 2022

R&D Engineer in charge of DBpedia Fr , WIMMICS TEAM, Inria Sophia-Antipolis

under the supervision of Fabien Gandon and Franck Michel

- > Update of the french chapter (new software pipeline, website and documentation update)
- > New extractors development : Historic, DBpedia Abstracts extraction.
- > Data enrichment : Wikidata integration, meta description, data fusion
- > New research projects : Wikipedia article relations extraction, DBpédia Spotlight upgrading for French

6 months

Feb. 2021 - Jul. 2021

Mathematics teacher, COLLÈGE JEAN PERRIN, Lyon

Substitute teacher in a secondary school

6 months

Sept. 2020 - Dec. 2020

Datascientist Freelance, DATARTISAN, Lyon

Datascience and NLP R&D missions


6 months

Mar. 2020 - Aug. 2020

[Intern] Research assistant, DIGITAL HUMANITIES CANADA RESEARCH CHAIR, Ottawa

under the supervision of Sabine Loudcher & Constance Crompton :

TEI corpus transformation workflow to Linked Open Data format, Ontological modeling for historical and cultural shared knowledge base.

 Entity Linking tutorials.

 Master Thesis on biographic extraction relation for prosopography semantic-based representations.

3 years

Feb. 2017 - Feb. 2020

Datascientist, DATA OBSERVER, Marseille

Software development, Data visualization, TAL/ML pipelines, involved into :

- > ExObserver : A multilingual platform for social listening, with annotation and corpus analysis tools
- > SourceBase : Taxonomy of media sources, shared mediamestry database of media sources.
- > MedObserver : multilingual bibliometric and social extraction tools for specialists and experts of medical domain spotting.
- > Sprayz : Citation and propagation analysis dashboard system for cross media diffusion evaluation.
- > Dortl : Concordance interface, Dynamic Iramuteq PCA like interface, media domain and specialized lexicons.
- > tailor-made projects : Quote extraction project, causality tagging, Controversy maps, Crawl engineering.

6 months

Mar. 2016 - Aug. 2016

[Intern] Datascientist, RÉUNIWATT, Réunion Island

Econometric, Machine learning and Deep learning models bootstrapping and stacking for photovoltaic production forecasting.

> under the supervision of Ricco Rakotomalala.

6 months

Mar. 2015 - Aug. 2015

[Intern] Software Engineer , CENTRE INFORMATIQUE DE PHILOSOPHIE ET LETTRES, Liège

under the supervision of Julien Ah-Pine

 Java embedded software for poetic archive mining.

5 months

Mar. 2014 - Aug. 2014

[Intern] Statistical analyst, ARTECA, Nancy

under the supervision of Julien Ah-Pine

 Analysis of the public culture funding, comparisons of regions with a focus on the live entertainment question.



EDUCATION

2018-2020	Master 2 HN - Master of Digital Humanities - Lyon University (with highest honour)
2014-2016	Master 2 SISE - Master of Datascience - Lyon University (with high honours) > Erasmus : 6 months (september - décembre 2015) Poznan University of Technology : Software Engineering Program
2013-2014	Licence IDS - Bachelor of IT and statistics - Lyon University
2011-2013	DUT STID - Two-year university degree of IT and Statistics - Lorraine University
2010-2011	DUT TC - Two-year university degree in Marketing (not completed) - Lorraine University
2010	BAC S - Scientific baccalaureate - Lycée André Malraux







SEMINARS PARTICIPATION AT NATIONAL CONFERENCES

June 2022	Matthias Gille Levenson, Sofia Papastamkou & Célian Ringwald, Programming Historian : un lieu de collaborations et d'interactions multiples, DHNord 2022 : Travailler en humanités numériques : collaborations, complémentarités et tensions, Lille, France. 
2022	Célian Ringwald, Marie-Véronique Leroi, Thibault Grouas, Fabien Gandon, Franck Michel. Présentation du projet DBpedia en français dans le cadre de la convention Culture-Inria.  
2021	Anaïs Chambat, Inès Burri, Célian Ringwald. Faire émerger le réseau littéraire francophone haïtien à l'ère du numérique. Séminaire du groupe Approches Sociales et Historiques des Littératures des Suds. 
2020	Anaïs Chambat, Inès Burri, Célian Ringwald. Ébauche de visualisation des productions littéraires francophones d'Haïti et retour d'expérience. In : Cartographie du web littéraire francophone.  

SIDE PROJECTS PARTICIPATIONS

28/29 Oct. 2022	ISSA Hackaton participation with Benjamin Molinet - Development of tools for Archive mining : Embedding networks computation - Multi-labels specificity computation 
May-Sept. 2022	Google Summer of Code project - mentored by Mykola Medynskyi & Marvin Hofer & Dimitris Kontokostas, 6 months project on the Wikipedia abstracts extractors development for solving large scale issues. New API integration, NIF text extractor update, MediaWiki docker of a Wikipedia chapter. 
Since Jan. 2021	<i>Volunteer Editor</i> for the PROGRAMMING HISTORIAN Peer-reviewed and open source academic journal about digital humanities and digital methodology for social sciences and history. (Proofreading, Article translation & Reviewing French proposals)

Technical and Scientifics skills

Mathematics 	Statistics, Algebra, Probabilities, Optimization, Logic, Graph theory, Time Series
IT languages 	Java, C, Scala, Python, Javascript, R, SAS, SPARQL
Databases 	Relational, Key-values db, Oriented documents and graph db
Datascience toolbox 	Machine learning, Deep learning methods, Webscrapping, Big Data technologies
NLP 	Textometry, Textmining, Stochastic models, Rule based models, Embedding models.
Social Sciences 	Philosophy of language, Linguistic theory, Media theory, Sociology, Digital anthropology

LANGUAGES

French	★ ★ ★ ★ ★
English	★ ★ ★ ★ ☆
German	★ ☆ ☆ ☆ ☆

HOBBIES & INTERESTS

- Music (Guitar / Accordion)
- Graphic arts (Ink & watercolor painting / wood carving)
- Reading (Fantastic / Surrealism / S.F.)
- Sports (Tennis / Skate)