

Celian RINGWALD

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French citizen, born on the 25th August 1992, in Epinal, France

WORK EXPERIENCE

Actual position Dec. 2022 - Dec. 2025	Phd Student, INRIA, 3IA, CNRS, I3S, UNIVERSITÉ CÔTE D'AZUR, Inria Sophia-Antipolis "Learning RDF pattern extractors for a language from dual bases Wikipedia/LOD" under the supervision of Fabien Gandon, Catherine Faron, Franck Michel & Hanna Abi Abkl > This thesis is focused on the extraction of relations linking together entities and/or measures from un-structured and natural language texts. My work is actually at the crossroad of large language models and knowledge graphs.
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, Sister project extractor > Data enrichment : Wikidata integration, meta description, data fusion
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 a historical Linked Open Data project : LINCOS.  Entity Linking tutorials.  Master Thesis on Biographic relations extraction
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. > Dortal : 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.

EDUCATION

2018-2020	Master 2 HN - Master of Digital Humanities - Lyon University (with highest honor)
2014-2016	Master 2 SISE - Master of Data science - Lyon University (with high honors) > Erasmus : 6 months (September - december 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

PUBLICATIONS

WORKSHOP

International	Raia Abu Ahmad, Martin Critelli, Şefika Efeoğlu, Eleonora Mancini, Célian Ringwald , Xinyue Zhang, Albert Meroño-Peñuela. <i>Draw Me Like My Triples : Leveraging Generative AI for Wikidata Image Completion</i> . Proceedings of the 3rd Wikidata Workshop 2023 co-located with the 22st International Semantic Web Conference (ISWC2023). [under review]
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POSTER & TALKS

International Poster	Célian Ringwald , Fabien Gandon, Catherine Faron, Franck Michel, Hanna Abi Akl. Learning RDF pattern extractors from natural language and knowledge graphs -application to Wikipedia and the LOD. ISWS 2023 & GEMSS, Bertinoro, Italy / Copenhagen, Denmark. 2023. 
National Talk	Matthias Gille Levenson, Sofia Papastamkou & Célian Ringwald , <i>Programming Historian : un lieu de collaborations et d'interactions multiples</i> . DHNord 2022, Lille, France. June 2022. 
National Talk	Célian Ringwald , Marie-Véronique Leroi, Thibault Grouas, Fabien Gandon, Franck Michel. <i>Présentation du projet DBpedia en français dans le cadre de la convention Culture-Inria</i> . Atelier Culture-INRIA, Paris. 22 march 2022.  
National Talk	Anaïs Chambat, Inès Burri, Célian Ringwald . <i>Faire émerger le réseau littéraire francophone haïtien à l'ère du numérique</i> . Séminaire du groupe Approches Sociales et Historiques des Littératures des Suds. Remotly, February 2021 
National Talk	Anaïs Chambat, Inès Burri, Célian Ringwald . <i>Ébauche de visualisation des productions littéraires francophones d'Haïti et retour d'expérience</i> . Cartographie du web littéraire francophone, Lyon. November 2019.  

PROFESSIONAL DEVELOPMENT

7/11 August. 2023 - London	Knowledge Prompting Hackaton - The hackathon were focused on the usage of prompt engineering methods for approaching pre-trained language models (PLMs) and trustworthy knowledge graphs.
26/30 June. 2023 - Copenhagen	GEMSS - Generative Modeling Summer School : the summer school was constructed using the book of Jakub M. Tomczak as the backbone. From talks and invited lectures, the summer school was a large introduction to the deep learning generative models : VAE, Autoregressive, Flow-based and energy-based, GAN, and Diffusion models. Hands-on sessions were organized for applying these new concepts.
11/17 June. 2023 - Bertinoro	ISWS 2023 - International Semantic Web Summer school : the summer school wraps together lectures, workshops from outstanding speakers, and a "learning by doing" approach. Allocated to working teams, we had to conduct a first scientific draft related to image generation from triple-based prompts. Our work was awarded the prize of the Best Scientific Report.
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)

LANGUAGES

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

+ HOBBIES & INTERESTS

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