



Julien Romero

French
Born July 19th, 1993

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github.com/Aunsiels

gitlab.com/aunsiels

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Add-ons

Languages :

English (IELTS 2015 : C1),
French (native),
Romanian (basic),
Japanese (basic),
Spanish (basic)

Music : Guitar / Violin / Choir

Reading

Drawing

Sewing



Education/Jobs

- Oct. 2020-: Postdoc at the [Max Planck Institute for Informatics](#)
- 2017-2020: Ph.D. Student at [Télécom Paris](#) with [Fabian Suchanek](#) & [Nicoleta Preda](#)
- June-September 2018: Visit at [Max Planck Institute for Informatics](#)
- January 2017 - July 2017: Junior Data Engineer at [Haufe Umantis](#)
- 2015-2017: Master in Robotics, Systems and Control at [ETH Zürich](#)
- 2013-2015: Master in Computer Science at [Télécom Paris](#)
- 2011-2013: Preparatory classes at [Lycée Henri IV, Paris](#)

Research

- Equivalent Rewritings on Path Views with Binding Patterns. *ESWC 2020* ([pdf](#), [video](#), [demo](#) at CIKM 2020)
- Commonsense Properties from Query Logs and Question Answering Forums. *CIKM 2019* ([pdf](#), [demo](#) at CIKM 2020)
- Query Rewriting On Path Views Without Integrity Constraints. *Datamod 2020* ([pdf](#))
- Pyformlang: An Educational Library for Formal Language Manipulation. *SIGCSE 2021* ([documentation](#))
- Automatic Summarization with *Deep Learning & NLP* ([pdf](#)), Master Thesis
- Reviewer for CIKM, IJCAI

Teaching

- Around 375 teaching hours at Master level (more [details](#))
- Supervision of around 20 student projects ([examples](#))
- Lectures: Software Engineering, SQL
- Labs: Knowledge Base Construction, Web Data, Data Mining for Big Data, SQL, Hadoop/Spark
- Projects: Recommender systems, Machine Learning, Image Classification, Web Site Creation, Video Games Development, AI for Video Games, Continuous Integration, Application Testing

Technical Skills

- Programming: Python (2014-2020), C/C++ (2013-2017), Scala (2014-2017), Java (2013-2017)
- Experience in knowledge bases, information extraction, NLP, databases, semantic web, machine learning, A.I., IoT, Git, Moodle
- Libraries: Spacy, NLTK, scikit-learn, NetworkX, TensorFlow/Pytorch, Flask
- Web Development
- DevOps: Linux, Docker, Jenkins, Nginx

Projects

- February-June 2016: Wireless Sensors Network for Performance Monitoring ([code](#), [description](#))
- March-May 2015: *Kudly*, a connected teddy bear, made with a team of 5 people (www.kudly.fr), 2nd prize at Parrot Awards
- June 2014: *Elia*, a website to share schedules between doctors and patients, made in a team of 4 people (elia-app.herokuapp.com)
- Sept 2013 - May 2014: *BumpBand*, a connected wristband made with a team of 5 people (bumpband.weebly.com)

Associative Life

- 2019-2020: Vice-president of the Telecom PhD Student Association
- 2018-2020: Ph.D. student representative at the Research Council of Telecom Paris
- 2017-2020: Tenor at the Académie du Palais Royal