

# Jordi Ricard Onrubia Palacios

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## Professional Experience

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### University of Lleida

Associated Professor

**Lleida, Spain**

*September 2021 - Current*

- Informatics Degree, teach practical classes on Concurrent and Parallel Systems, introduction to multithreading applications subject. (2021 Only)
- Electronics Degree, teach Programming and Communications III, introduction to networks, API's, Relational DDBB and Docker subject.
- Informatics Master's Degree, teach High Performance Computing, Distributed Computing with OMP, MPI and CUDA subject.
- Summer Course, teach Python From Zero to Hero, introduction from basic to advanced python concepts (from 2021 to 2023)

### Bluetab - an IBM Company

Data Engineer

**Lleida (Remote), Spain**

*November 2023 - Current*

- Assisting the Data Science team at Repsol on the development of RAG models for the different departments at the company
- Collaborated with cross-functional teams to identify data requirements, troubleshoot pipeline issues, and optimize data flows, leading to the successful delivery of high-quality data for machine learning initiatives
- Mentoring juniors in data processing with Spark.
- Technologies: Python, OpenAI, Spark, Azure, Apache Spark, Apache Kafka, SQLServer, Kubernetes

### Eurecat

Software Engineer

**Lleida , Spain**

*July 2021 - November 2023*

- Development of processing batch and data pipelines for small, medium and big data applications.
- Data standardization and normalization enhancing interoperability and fostering the extraction of meaningful insights from complex datasets.
- Cultivating open data spaces, promoting transparency, and contributing to the advancement of the open data movement within the context of data initiatives.
- Lead and Co-lead National and European Projects in the agricultural, environmental and traffic field.
- Assisted newcomers and knowledge sharing and promoted ongoing learning.
- Technologies: Apache Spark, Apache Kafka, FastAPI, HDFS, HBase, MongoDB, PostgreSQL, Hadoop, Yarn, Zookeeper, Nginx, Docker, Python, Scala, JAVA

### Minsait

Data Engineer

**Lleida , Spain**

*February 2019 - July 2021*

- Development of Big Data applications using Apache stack, developing ETL processes in the field of Energy
- Development of Backend for the consumption and presentation of the processed data.
- Technologies: Apache Spark, Apache Kafka, Spring, HDFS, HBase, MongoDB, Oracle SQL, Hadoop, Yarn, Zookeeper, Scala, JAVA

**Semic**

Full Stack Developer

**Lleida , Spain***July 2018 - January 2019*

- Full Stack Developer in charge of build and maintain different applications for E-commerce and the Public Administration
- Technologies: Angular 2+, Spring

**Indra**

Intern

**Lleida , Spain***January 2013 – June 2013*

- Server administrator, set up and maintenance of Linux server for web development
- Web Development
- Technologies: PHP, HTML, CSS

**Education**

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**University of Lleida**

Informatics Engineering Masters Degree, major in Big Data.

**Lleida, Spain***2019 - 2021***University of Lleida**

Informatics Engineering Degree, major in computation.

**Lleida, Spain***2014 - 2018***IES Caparrella**

Higher Technical Certificate in Informatics, major in multi platform application development.

**Lleida, Spain***2012 – 2014***Personal Projects & Others**

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- Lleidahack association Co-founder and General Secretary 2019-2021
- Hackathon HackEPS Organizer, University of Lleida, from 2017 to 2022.
- Hackathon for the Mobile World Congress MobileHack Organizer, 2021
- Hackathon BitsXLaMarató Organizer, University of Lleida - Polytechnic University of Barcelona 2021
- Top 8 finalist in HackUPC - Polytechnic University of Barcelona
- HackEPS Mentor (2023) - Polytechnic University of Barcelona
- HackUPC Organizer (2023) and Mentor (2024) - Polytechnic University of Barcelona

**Languages, Programming Languages & Technologies**

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- Languages: English, Spanish, Catalan
- Programming Languages: Java, Python, Scala
- DataBases: PostgreSQL, MySQL, SQLServer, MongoDB, HBase
- Frameworks & Libraries: Spring, Apache Spark, Apache Hadoop, Apache Kafka, FastAPI, Streamsets
- Tools: Docker, PostMan, Ngnix, YARN, Zookeeper