
Education

2016 - 2018	Master's Degree in Innovation and Research in Informatics Polytechnic University of Catalonia – Barcelona, Spain	(3.04 / 4.00)
2012 - 2016	Bachelor's Degree in Computer Science and Engineering University of Zaragoza, Spain	(3.50 / 4.00)

Work Experience

October 2017 – Now	Software Engineer at Datumize Design and development of innovative products using Java, path-finding algorithms and Big Data tools (Spark, HBase, Kafka, ElasticSearch). Focus on performance, clean code and extensibility.
May – August 2017	Google Summer of Code participant for DBpedia Creation of a user-friendly Web Application to administrate RML mappings for DBpedia.
2016	Undergraduate collaborator with Distributed Information System Group Development of a system to create Wikipedia Infoboxes using information from the Semantic Web.

Recent Projects

2018 - Now	Datumize Warehouse Motion Product to track forklifts in warehouses using existing WiFi infrastructure combined with AI algorithms, to help detect inefficiencies in the warehouse organization. Developed using Java.
2018	Datumize Web Collector and Big Data Platform Typescript library to capture interactions of web visitors without altering the code of the website, and a Big Data Platform to extract analytics from such data. Developed as my Master's Thesis.
2017	DBpedia Mappings UI User-friendly web application to administrate RML mappings, integrated into the DBpedia infrastructure. Built with NodeJS and React.

Skills

Programming	Proficient: Java and Javascript Experienced: Python, TypeScript, HTML, CSS, C, Ruby, Bash
Technologies	Big Data: Kafka, Spark, ElasticSearch, HBase Web & Mobile: Angular, React, Node.JS, Express, Ionic, Android Other: JUnit, Mockito, Git, Maven, MySQL, PostgreSQL
Languages	Spanish: Native English: CEFR C2 Level – Certificate in Advanced English, Grade A Catalan: Full understanding (read and listen)

Awards

2018	Maximum score with honors in my Master Thesis: <i>"A System to Seamlessly Capture and Analyze User Interactions with Webpages"</i> .
2017	Best Academic Record of 2012/16 promotion of Computer Science and Engineering at University of Zaragoza.
2016	Best Final Degree Project on Computer Engineering at Zaragoza 2016 by Tecnara.