

Carlos Sánchez Marín

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EDUCATION

Eindhoven University of Technology	Eindhoven, The Netherlands
<i>Exit year of Master in Data Science in Engineering, Minor in ICT Innovation</i>	<i>Sep. 2020 – present</i>
Aalto University	Helsinki, Finland
<i>Summer School: Ravaging Disruptions in Retailing</i>	<i>Aug. 2020</i>
Universidad Politécnica de Madrid	Madrid, Spain
<i>Entry year of Master in ICT innovation: Data Science track</i>	<i>Jun. 2020</i>
Universidad Politécnica de Madrid	Madrid, Spain
<i>Bachelor of Engineering in Computer Engineering</i>	<i>Feb. 2019</i>
Troy University	Troy, AL, USA
<i>Exchange student on Bachelor of Science in Computer Science</i>	<i>Fall 2017</i>

EXPERIENCE

Graduation Project	Mar 2021 – present
<i>DAF Trucks NV</i>	<i>Eindhoven, The Netherlands</i>
Researcher	Jan 2019 – Jun 2020
<i>Universidad Politécnica de Madrid</i>	<i>Madrid, Spain</i>
<ul style="list-style-type: none">Developed a tool for visual composition of SQL and real-time queries on AngularDeveloped web services to connect different web applications with backend servicesDeveloped new components and features for a Complex Event Processing engine on Java, including real-time data ingestion and exportDeveloped scripts to automatize the installation and deployment of different Complex Event Processing platformsDeveloped automatization tools for the benchmarking of a Complex Event Processing engine running on edge devices	
Software Engineer Intern	Jan 2018 – Jan 2019
<i>Vipera Iberica SL</i>	<i>Madrid, Spain</i>
<ul style="list-style-type: none">Developed Java plugins for the backend of a banking application using the Apache Felix frameworkDeveloped an Enterprise's credit card management mobile app using the Ionic FrameworkCo-developed as my Bachelor's final degree project a plugin to aim the clients with a native SDK for iOS, Android and Cordova in case they wanted to integrate the company's card managing solution in their apps instead of using the full app offered by Vipera	
Research Intern	Jul 2016 – Apr 2017
<i>Universidad Politécnica de Madrid</i>	<i>Madrid, Spain</i>
<ul style="list-style-type: none">Developed scalability functionalities for a Complex Event Processing engine using the Apache Zookeeper libraryDeveloped a set of benchmarks to test my solution using Python and Bash to auto-generate the datasets	

TECHNICAL SKILLS

Languages: Java, Python, Scala, C, SQL, JavaScript, TypeScript, HTML/CSS, R
Web Frameworks: React, Vue.js, Angular
Networking: CCNA Routing and Switching
Developer Tools: Git, Maven, npm