DAVID MORENO LUMBRERAS

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PROFESSIONAL EXPERIENCE

Universidad Rey Juan Carlos — **Postdoctoral Researcher**
OCT 2023 - PRESENT
Development of BabiaXR, a web platform for data visualization in VR. Leadership of a research group, and assistant teacher.

Universidad Rey Juan Carlos — **Predoctoral Researcher**
MAR 2022 - OCT 2023

Bitergia — **Researcher & Front-End developer**
AGO 2018 - MAR 2022
Development of web apps using different frameworks (Vue.js, React, AngularJS) and Django-Python as backend. Development of Kibana/ElasticSearch plugins. Deployment of different systems (web apps, ELK, CI) using Docker.

Samsung Electronics — **Assistant Engineer**
JUN 2018 - AGO 2018

Bitergia — **Front-end Developer**
JUL 2017 - JUN 2018

Universidad Rey Juan Carlos — **Technical Researcher**
JAN 2017 - JUL 2017

IXION Industry & Aerospace, S.L — **Scholarship Web Programming**
JAN 2016 - JUN 2016

NEORIS — **Trainee Microsoft Dynamics CRM**
JUL 2015 - JAN 2016

EDUCATION

Universidad Rey Juan Carlos
Ph.D. Information and systems technologies.
https://thesis-dlumbrer.gitlab.io
2019 - 2023

University Rey Juan Carlos
Master's Degree in Telecommunication Engineering
2016 - 2018

University Rey Juan Carlos
Degree in Telecommunication Technologies Engineering
2011 - 2016

PUBLICATIONS

Software development metrics: to VR or not to VR @ EMSE

Moreno-Lumbreras, David & Robles, Gregorio & Izquierdo, Daniel & Gonzalez-Barahona, Jesus

The influence of the city metaphor and its derivates in software visualization @ JSS

Moreno-Lumbreras, David & González-Barahona, Jesús M. & Robles, Gregorio & Cosentino, Valerio

BabiaXR: Facilitating experiments about XR data visualization @ SoftwareX

Moreno-Lumbreras, David & González-Barahona, Jesús M. & Robles, Gregorio

Understanding the NPM Dependencies Ecosystem of a Project Using Virtual Reality @ VISSOFT 23

Moreno-Lumbreras, David & González-Barahona, Jesús M. & Lanza, Michele

Enhancing CodeCity: Code Evolution in VR using Web Technologies @ SATToSE 23

Moreno-Lumbreras, David & Gonzalez-Barahona, Jesus & Robles, Gregorio

CodeCity: A comparison of on-screen and virtual reality @ IST

Moreno-Lumbreras, David & Minelli, Roberto & Villaverde, Andrea & González-Barahona, Jesús M. & Lanza, Michele

Visualizing code reviews bottlenecks, from 2D to virtual reality @ BENEVOL 22

Moreno-Lumbreras, David & Gonzalez-Barahona, Jesus & Robles, Gregorio

BabiaXR: Virtual Reality software data visualizations for the Web @ OpenVRLab 22 (IEEE VR)

Moreno-Lumbrera, David & Gonzalez-Barahona, Jesus & Villaverde, Andrea

To VR or not to VR: Is virtual reality suitable to understand software development metrics? - Registered Report @ ESEM 21

Moreno-Lumbreras, David & Robles, Gregorio & Izquierdo, Daniel & Gonzalez-Barahona, Jesus

CodeCity: On-Screen or in Virtual Reality? - Full Paper @ VISSOFT 21

Moreno-Lumbreras, David & Minelli, Roberto & Villaverde, Andrea & González-Barahona, Jesús M. & Lanza, Michele

Making CodeCity Evolve - Technical Paper @ BENEVOL 19

Moreno-Lumbreras, David & Cosentino, Valerio & Gonzalez-Barahona, Jesus

SortingHat: Wizardry on Software Project Members - Workshop paper @ ICSE 19

Moreno-Lumbreras, David & Dueñas, Santiago & Cosentino, Valerio & Fernández, Miguel & Zerouali, Ahmed & Robles, Gregorio & Gonzalez-Barahona, Jesus