Abel Serrano Juste

Resumé

Experience

Apr 2017 - Jun 2019	**Research Assistant**, *at Universidad Complutense de Madrid*, Madrid, Spain. Data munging, data analysis and visualization of the history data of wikis. Also, system administrator for the research group
Aug 2016 - Feb 2017	**Developer**, *at Worona*, Madrid, Spain. JavaScript Full Stack developer: ReactJS, nodeJS and meteor
Summer 2016	**Sysadmin and computer technician**, *at USERT38*, Madrid, Spain. Technical system administrator in a production and design studio
Occasionally	**Sysadmin**, *Freelance*, Madrid, Spain. System administrator freelancing. Mostly Linux and BSD systems. But also Mac and Windows.

Computer skills

Data scientist	*Collecting, processing, storaging, analysis and visualization of data*
GIS	*QGIS, CARTO y arcGIS*
Programming	*Strong in Python, R and Javascript. Knowledge also of Java, C/C++ and Shell scripting.*
System Management	*Installation and management of UNIX systems and Windows/Linux/Mac workstations*
Database Management	*Basic management of MongoDB databases. Knowledge also of SQL.*

Languages

Spanish	Native	
English	Fluent	*C1 level on the four skills. TOEFL with a score of 99/120*

Studies

Master's Degree in Data Science, *Universitat Oberta de Catalunya*, España, Average grade: 8/10.
Master thesis on a predictive system of the air quality for the city of Madrid. Click here to see the thesis in PDF (Spanish).

Bachelor's Degree in Computer Science, *Universidad Complutense de Madrid*, Spain.
Average grade: 8/10. Final project on Operating Systems Development. Code available in Github.

Certificates

- Certificate on Web development: HTML, CSS y JS. (Mar 2014)
- Course on public speech. (Feb 2015)
- M101JS: MongoDB for Node.js Developers. (Oct 2017)
- Android development. (Oct 2017)

Publications

You can find all my published research articles in my homepage.

Interests

Gardening It's already quite a few years I'm eating vegetables mostly from the plants of the garden I grow and working as a volunteer in different kinds of gardens.

Agriculture and Ecology I enjoy to read and keep myself informed about the latest discoveries and updates about climate change, agriculture, agroforesty, biodiversity, microbiota soil and pastoralism.

Free & Open Source Software I'm a free software entusiast. In University, I founded a student society about Free Software and Open Source (LibreLabUCM). I've contributed to many open source projects such as GNOME, Telegram, Geany and others. See my Github profile for more.

Sports Outdoor sports as hiking or climbing. I love cycling as well!