MANUEL ALMAGRO.

PHYSICIST. DATA ANALYST.

ABOUT ME.

I'm a Physics student in the final stages of my education. I am interested in data science and I think my formation as a physicist provides a solid foundation for further development in this field. I consider myself proactive, a fast learner, and able to provide concrete solutions.

TECHNICAL SKILLS.

-Data parsing, cleaning & exploration in R (since early 2018).
-Data analysis and visualization in R (since early 2018).
-Proficient in Fortran 77 for high-performance simulations (since 2017).
-Some knowledge of HTML, CSS & JavaScript (used sporadically since 2008).
-Operational knowledge of LaTeX.
-Technical translation (EN-ES, ES-EN).
-Currently starting to learn Python.

EDUCATION.

UNIVERSIDAD DE GRANADA
Physics degree (2016-2021)

-Various courses in programming (Fortran, C++, R) and mathematical methods.
-Hands-on experience with machine learning / designing neural networks from scratch.

UNIVERSIDAD DE JAÉN
Chemistry degree (2013 - 2016)

-Award for Best Entrance Grades (2013, Jaén).
-Association of Chemists of Andalusia (2013 - 2016).
-Experience in molecular 3D-modeling. See contributions.
-Unfinished. (Switched to Physics).

OTHER ABILITIES.

My experience with non-linear regression models and data exploration allowed me to create SIMON, a protein-analysis tool that outperforms existing products (publication pending). I also have experience in technical translation (EN-SP, SP=EN), online data parsing and analysing big amounts of data obtained from social networks for academic purposes. I have some knowledge of front-end tools, such as HTML, CSS and Javascript, which has been useful in some of my projects.

CONTACT

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LANGUAGES.

- Spanish. Native.
- English. C2 Proficiency (CPE), University of Cambridge. Grade B: 219/230. November 2018.
- Russian. A2, Russian Center of the University of Granada. June 2021.