



Guillermo Villar Rodríguez

Data journalism, data science (focus on NLP) and data analysis.
Now into journalism and AI to combat disinformation.

Date of birth: 13/04/1993

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EDUCATION

Master's degree in Data Science and Society

Tilburg University, The Netherlands (MSc, 2019 - 2020)

- **Knowledge of:** programming with R, advanced data processing with Python, data mining, machine (and deep) learning, natural language processing, statistics.

Premaster's degree in Data Science and AI

Tilburg University, The Netherlands (2018 - 2019)

- **Knowledge of:** programming with Python, principles of statistics with R, basic notions of linear algebra.

Master's degree in Data Journalism

Centro Universitario Villanueva, currently Universidad Villanueva, Spain (*Título Propio*, 2015-2016)

- **Knowledge of:** data analysis (Excel), fact-checking, data storytelling and visualization, content curation.

University degree in Journalism (with Extraordinary Award) and University degree in Audiovisual Communication

Universidad Rey Juan Carlos (2011 - 2016), Spain;

Università degli Studi di Torino, Italy (Erasmus)

- **Relevant subjects:** writing news for print, radio, TV and multimedia; video editing, and information design.

OTHER COURSES / WORKSHOPS

- **Big Data: Data Analysis with Python (certificate of attendance)**

Universidad Complutense de Madrid, Spain (continuous formation course, 2017)

- **Statistical Data Analysis with R: a Practical Approach (certificate of attendance)**

Universidad Rey Juan Carlos, Spain (workshop, 2016)

LANGUAGES

- **Spanish:** native

- **English:** official C1 in 2020 (CAE - grade B)

Grants for courses in Ireland (2009), England (2011) and USA (2012)

- **Italian:** official C1 in 2014 (CELI 4)

Grants for courses in Italy (2013, 2015)

SKILLS

- **Data processing:** Python, R, Excel.

- **Data visualization:** R, online tools (Carto, Datawrapper...).

- **Basics of:** Photoshop and Illustrator; HTML, CSS and Javascript, and video editing.

EXPERIENCE

Applied Intelligence and Data Analysis research group (Universidad Politécnica de Madrid) | Researcher on Data Journalism and Data Science

CIVIC (international funded project): *Intelligent characterization of the veracity of the information related to COVID-19* (January 2021 - currently)

Data-science related tasks and applied knowledge to combat disinformation about COVID-19.

The Vodafone Enterprise Observatory | Freelance Data Journalist

Branded content (September 2017 - January 2021)

Data-driven content, managing data reports and writing about technology inside organizations.

El País | Data Journalism Internship

Spanish national newspaper (October 2016 - April 2017)

Data journalism, visualization and data-driven content at *Especiales Exprés*.

LAB RTVE | Data Journalism Internship

Spanish national broadcasting corp. (July - August 2016)

Data journalism, visualization and new narratives for news, mainly about the 2016 Summer Olympics.

Castilla-La Mancha Media | Internship

Spanish regional broadcasting corp. (June - August 2014)

Radio and TV journalism, and video editing.

OTHER COLLABORATIONS

- **Medialab Prado** (October 2016 and March 2017)

Production assistant in events related to open data.

- **Infolibre: Traductor Político** (May - June 2016)

Video and text about complex expressions in the presidential campaign for this national newspaper.

- **El Confidencial** (December 2015)

Analyses of politicians' Twitter accounts for the general elections for this national newspaper.

- **VIM Magazine** (May 2013 - December 2014)

Reports and interviews for this cultural magazine.