



Guillermo Villar Rodríguez (CV)

Data Journalism, Data Analysis, Data Science
Research about misinformation in social networks

Date of birth: 13/04/1993

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Google Scholar: scholar.google.es/citations?hl=es&user=WGpTH9cAAAAJ

PortfolioPortfolioPortfolio

EDUCATION

Ph.D. in Computing Science and Technology for Smart Cities

Technical University of Madrid (2021 - currently)

- **Thesis:** tracking false information in social networks through Natural Language Processing and Social Network Analysis

M.Sc. in Data Science and Society (60 ECTS)

Tilburg University, the Netherlands (January 2019 - June 2020), in English

- **Knowledge of:** R and Python, data mining, machine and deep learning, natural language processing, statistics

Premaster's degree in Data Science and Artificial Intelligence (30 ECTS)

Tilburg University, the Netherlands (August 2018 - January 2019), in English

- **Basics of:** Python, statistics and linear algebra

Master's qualification in Data Journalism

Villanueva University, Spain (*título propio*, non-official, university-specific, October 2015 - July 2016)

- **Knowledge of:** spreadsheets, fact-checking, data storytelling and visualization, content curation

Double University degree in Journalism and in Audiovisual Communication (300 ECTS)

Rey Juan Carlos University (September 2011 - March 2016), Spain; University of Turin, Italy (Erasmus, February - June 2015)

OTHER COURSES

- **Introduction to Language Technology Applications**
University of the Basque Country, Spain (course from the Master Language Analysis and Processing, 2022)

- Big data: data analysis with Python

Complutense University of Madrid, Spain (continuous formation course, 2017)

- Statistical Data Analysis with R: a Practical Approach

Rey Juan Carlos University, Spain (workshop, 2016)

LANGUAGES

- **Spanish:** native

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

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

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

Grants in Italy (2013, 2015)

AWARDS

- Selected as one of the participants from the Santander-CIDOB 35 under 35 list (2021)

- Extraordinary award winner in the University degree in Journalism (2017)

EXPERIENCE

Technical University of Madrid | Postgraduate researcher on Data Journalism and Data Science

Artificial Intelligence and Data analysis group. Computer Systems department (January 2021 - currently)

- **Hired for:** CIVIC - Intelligent characterization of the veracity of the information related to COVID-19

- **Other projects:** IBERIFIER, DisTrack, FightDIS

- **Tasks:** data collection, analysis, monitoring and visualization of misinformation in social media

The Vodafone Enterprise Observatory | Data Journalist

Branded content (September 2017 - currently)

- **Tasks:** data journalism, data reports management and storytelling (freelancing / academic collaboration)

El País | Data Journalism Internship

Spanish national newspaper (October 2016 - April 2017)

- **Tasks:** data journalism, visualization with online tools and data-driven content

Medialab Prado | Production assistant in open-data and data-visualization events

(October 2016 and March 2017)

- **Tasks:** help in the organization, mediation between participants and experts and social media management

LAB RTVE | Data Journalism Internship

Spanish national broadcasting corp. (July - August 2016)

- **Tasks:** data journalism and visualization with online tools, mainly about the 2016 Summer Olympics

Castilla-La Mancha Media | Internship

Spanish broadcasting corp. (June - August 2014)

OTHER COLLABORATIONS

- **Infolibre** (May - June 2016)

- **El Confidencial** (December 2015)

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