

# Ismael Aderdor Domingo

## Physicist & web developer

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### PROGRAMMING LANGUAGES

- **Most experienced** Ruby, python
- **Some experience** HTML5, CSS3, javascript, MATLAB
- **Familiar** PHP, C

### SKILLS

- **Libraries** Ruby on rails, bootstrap, symfony, pandas
- **Databases** PostgreSQL, MariaDB
- **OS** GNU/Linux (Debian, Arch Linux)
- **Other tools** git, nginx, gitea, fail2ban, docker, LaTeX

### LANGUAGES

- **Spanish** Native
- **English** B2 (FCE grade B - 176)
- **French** B2 (DELF)
- **German** A2 (Idiomas Complutense)
- **Catalan** B1

### SOFT SKILLS

- **Public communication** Experience as speaker in talks and public workshops of physics and astronomy outreach
- **Planning** Organization, structuring and making available the information of a project available to the team
- **Research** Gathering, analyzing and making notes of data for future reference.
- **Logical thinking**

### EDUCATION

- **Degree in Physics (2020)**  
Universidad Complutense de Madrid  
Final degree thesis in Modeling and simulating a dynamical system:  
Controlling a car

### WORKING EXPERIENCE

#### KIOSKO Y MÁS | INTERNSHIP

June 2019 - October 2019 Madrid (Spain)

- Supervision of the publication process
- Management of the publication catalogue
- Level 2 technical support
- Update of the documentation of the publication process and of the call center scripts

#### TUTOR | MATHEMATICS AND PHYSICS

August 2009 - January 2018 (Occasional)

- Support classes in Mathematics, Physics and Chemistry at high school level
- Solving problems of Calculus, Algebra and Physics at undergraduate level

### VOLUNTEERING AND SOCIETIES

#### ASAAF-UCM | SYSTEM ADMINISTRATOR AND BOARD MEMBER

May 2012 - January 2020 Madrid (Spain)

- Restoration of the web sites and databases after entering the position
- Organization of the society Telescope Use Course between 2012 and 2016
- LaTeX workshop between 2014 and 2018 in cooperation with the library of the Faculty of Physics of the UCM
- Speaker in the next talks:
  - UCM's Science week (2011, 2012 and 2013)
  - Astronomical instrumentation (2014)
  - The Chandrasekhar limit (2016)
  - Introduction to OOP with C++ (2016)
  - Riding the space-time: the Alcubierre metric (2017)
  - Python workshop (2018)
- Founder of Noether, ASAAF-UCM's Theoretical Physics group
- Coauthor of the reform of the rules of the society (*Estatutos and Reglamento de Régimen Interno*)

#### TUUULIBRERÍA | SYSTEM ADMINISTRATOR

May 2015 - January 2017 | Madrid (Spain)

- Migration of some computers to GNU/Linux solutions

### PROJECTS

#### ADMINISTRATION WEBSITE FOR ASAAF-UCM

May 2020 - today

- Provide a solution for the management of the members and the properties of the society
- Automation of the anual paperwork with the university
- Site available in English and in Spanish