



ARTURO SIRVENT FRESNEDA

MASTER IN DATA SCIENCE STUDENT

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ABOUT ME

I was born and raised in Alicante (Spain), where I lived for 17 years. Then I moved to Granada to study a Physics Degree and in 2019 I lived a whole year in Germany with a Scholarship.

I am a person that enjoys applying science to real world applications, thus, raising the quality of life.

I am particularly interested in programming, scientific computation, artificial intelligence, statistics, data analysis, microcontroller and development boards such as Arduino or Raspberry Pi.

LANGUAGES

SPANISH (native)

ENGLISH (C1)

GERMAN (B1)

VALENCIAN (native)

STUDIES

- Master in Data Science at the University of Valencia. 2021-now
- Ubiquim Course Introduction to Data Science. 2021
- Physics Degree at University of Granada (UGR). 2016-2021
Erasmus+ at Wuppertal/ Germany. 2018-2019
- Advance programming with C++, course (UGR). 2018
- Video game programming using Godot Engine, seminar (UGR) 2018.
- Scientific computing with Python, course (UGR). 2017
- Energy and Matter course (UGR). 2017
- Baccalaureate 2014-2016

PROFESSIONAL EXPERIENCE

- Summer Internship University of Alicante (IUMA) (2021).
- Private teacher (mathematics, physics, chemistry). (2017-2021)
- University practices in laboratory. (2016-2021)
- Several computational projects managed on my own.
- Volunteer in cultural events.

SKILLS

- **Ease for learning and acquire knowledge** in short time.
- Good performance in **self-learning tasks**.
- **Proactive and resolute** when approaching a project
- **Effectiveness and efficiency** facing problems under pressure.
- **Leadership** and **entrepreneurship** attitude.
- **Programs and programming languages** I am familiar with, or I have **actively used**:

*Python, Matlab, C/C++, Latex,
Excel, JavaScript (node, p5.js), Git,
Java (Processing), Linux (Bash),
Photoshop (Gimp), Godot*

- **Basic user competence** at:

*Mathematica, HTML y CSS3,
Docker, Inkscape, R*

AIMS

- Study and implementation of **Machine Learning** and **artificial intelligence** techniques to real world problems.
- Interested in different fields of **physics**, such as:
Statistical physics,
Semiconductors physics,
Complex systems.
- Development of **business projects**.