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👤 29 years old  
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**DANIEL TARÍ DE PACO**  
**Ph.D. Researcher / Coder**

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## ABOUT ME

Great curiosity has moved me all my life. First, I was fascinated by planes and why they flew, so I studied **Aerospace engineering**. Then I was amazed with researching, so I decided to take a **Ph.D. in propulsion systems**. During this time I discovered my **passion with automatizing processes and coding**, so now I am looking forward to applying the **problem-solving approach** I have developed during these latest years to real industry needs.

During the Ph.D. period followed by **two post-doc years**, important cross skills have been acquired, such as **teamwork** abilities, autonomy to **manage and expose results** of research project in **collaboration** with industry companies such as **General Motors** and **Ford** and **thinking outside the box**. Finally, software tools in which I have specialized may be highlighted. Concerning 3D modelling and Fluid simulation, Autodesk Inventor and Siemens **STAR-CCM+** have been widely used. To automatize processes and script physical and stochastic models, object-oriented programming languages **Matlab** and **Python** have been thoroughly learned.

## Education

- **2008 - 2013**  
**Aerospace Engineering**  
*Universitat Politècnica de València*
- **2013 - 2018**  
**Ph.D. in Propulsion Systems**  
*Universitat Politècnica de València*

## Advanced Skills

- |                    |                          |           |
|--------------------|--------------------------|-----------|
| ● <b>Languages</b> | ● <b>Tech skills</b>     |           |
| <b>Spanish</b>     | <b>Matlab</b>            | Photoshop |
| <b>English</b>     | <b>Python</b>            | Office    |
| <b>Valencian</b>   | <b>STAR-CCM+</b>         | MongoDB   |
|                    | <b>Autodesk Inventor</b> |           |

## Other skills and interests

**Creative thinking**  
**Fast learner**  
Teamwork  
Data Analytics  
**Personal coding projects**

Technology  
Sightseeing  
Climbing

## Work experience

### From 2015 to 2018 Pre-doc contract FPI-2 UPV

- 6 publications in scientific journals
- 2 international congress contributions
- 8 research projects participations in collaboration with different companies such General Motors, Renault, Ford & Valeo

### Doctoral thesis completion

- Excellent Cum Laude
- International doctor accreditation

### From 2018 to 2020 Post-doc contract FPI-2 UPV

- 1 publication in scientific journal
- Skill refinement of Matlab, Python & STAR-CCM+

### Project managing of two projects

- Main researcher in 2 research projects in collaboration with Ford (Germany)
- All steps of the projects were carried out, from planning to processing the lab data and exposing the results