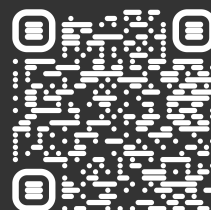


DAVID PAIPA

Currently a master's student in *fundamental physics and applications* at the Sorbonne. My domain is astronomy and computational cosmology, although I work professionally in data analysis and AI development. I have both academic and professional experience in feature engineering, data analysis and development of predictive models. Proactive, innovative, polyglot and skilled in multiple programming languages.



CONTACT

✉ davidpaipa03@gmail.com
📍 Ivry-sur-Seine, Ile-de-France, France
🏠 paipapsyche.github.io
📧 @PaipaPsyche
📌 David Paipa

SKILLS

Programming

Python
Javascript
VBA excel
Bash
HTML/CSS
C/C++

Operating Systems

Linux
MacOS
Windows

Software & Tools

Visualization
(matplotlib, seaborn, VBA, ...)
Data handling/analysis
(numpy, scipy, pandas, ...)
Learning algorithms
(Tensorflow, sklearn, Keras, ml5 ...)
Office Tools
(MS/libre Office, Git, Postman, Make ...)

Another tools

Java, R, Jekyll, node, Angular, MongoDB, SQL, SAS, Addactis.

Languages

Spanish
English
Portuguese
French
German

CERTIFICATES

Specialization in Deep Learning
DeepLearning.ai

PROFESSIONAL PROFILE

Computational physicist with **+2 years** of experience working with **machine learning** methods and **data science**. Skilled in **various** programming languages and fluid working with interdisciplinary teams. Professional interests oriented to the implementation of **deep learning** models in data analysis, process automation and sample generation. Experience working in I+D, **+2 years** experience as **teacher assistant** and currently active in different student groups of **social impact** and **scientific outreach**. **+3 years** working with **python**, **Javascript**, **C** and **Bash**.

WORK HISTORY

📅 04/2019 - 07/2019
📍 Management Solutions [Colombia & Brazil] AI & DS Consultant
Planning and development of AI models and Data analysis applications.

EDUCATION

📅 09/2020 - current
📍 Paris, France
Msc. in Fundamental Physics and Applications
Sorbonne Université - Université de Paris
📅 01/2019 - 12/2019
📍 Bogotá, Colombia
Bsc. in Physics
Universidad de los Andes

ACHIEVEMENTS AND PROJECTS

🏆 **Publication in MNRAS letters** - "Superclusters from velocity divergence fields" (coauthor) [Arxiv]
🏠 **Penrose Trip project** - Blog on the boundaries between science, programming and art. [penrosetrip.co]

GENERAL SKILLS

Learning potential Team work Creativity Vocation for teaching
Methodical Innovative thinking Scientific approach Soft skills

TECHNICAL SKILLS

