

JOÃO ANTÓNIO

A Data Scientist with a background in Physics, Mathematics and Computer sciences. Driven self-starter, fast learner and creative problem solver who is constantly endeavouring for a good challenge a fresh project or a new learning opportunity.

(All text in blue are links)



CONTACT

✉ joaoantant@gmail.com

☎ +351 919 192 886

📍 Aveiro, Portugal

🐦 [@JoaoAnt](#)

📦 [JoaoAnt](#)

📌 [JoaoAntAnt](#)

📅 April 10, 1996

🚗 B, B1

SKILLS

Programming

Python	●●●●●●
Matlab	●●●●●●
Gnu Octave	●●●●●●
HTML/CSS	●●●●●●
LaTeX	●●●●●●
Bash, CMD & PowerShell	●●●●●●
R	●●●●●●
SQL	●●●●●●
JavaScript	●●●●●●
React Js	●●●●●●
C	●●●●●●

Data Science Fields

Data handling/analysis	●●●●●●
Numpy, Scipy, Pandas, ...	
Visualisation	●●●●●●
Matplotlib, Seaborn, Plotly, Bokeh, ...	
GUI Developer	●●●●●●
TKinter, pyinstaller, Kivy, ...	
SQL Database	●●●●●●
SQLite, MySQL, PostgreSQL, ...	
Git Control & Cloud	●●●●●●
Docker, Github, Heroku, AWS, ...	
BackEnd	●●●●●●
FastAPI, Django, Flask, ...	
Machine Learning	●●●●●●
Keras, SciKit-Learn, Tensorflow, ...	
FrontEnd	●●●●●●
React, Jinja2, Streamlit, Vue, ...	
Data Mining	●●●●●●
Scrapy, BeautifulSoup	
NLP	●●●●●●
NLTK, CoreNLP, spaCy, ...	

Languages

Portuguese	●●●●●●
English	●●●●●●
Spanish	●●●●●●
Italian	●●●●●●

WORK HISTORY

📅 Oct 2020 - Now

📍 Captova Automation's Inc, Canada

Unique Data Scientist

Data extraction and processing from any document, in multiple languages using image processing, OpenCV, OCR (Tesseract), PDF data extraction, machine learning, Natural Language Processors and database index searching.

Development of a Graphical User Interface for internal usage, tester of functionalities and reinforced machine learning training. Development of a web application for external usage, with architecture in Fast API, React and AWS deployment.

EDUCATION

📅 2014 - 2018

📍 Universidade de Aveiro, Portugal

Bachelor in Physics

Final Project: **A One Dimensional Model of Opinion Dynamics with Bounded Confidence** - Matlab, Multi variable curve fitting app, complex systems, networks, simulation and modulation. Bachelor with focus on Matlab and R as supporters of modulation in Physics.

CERTIFICATIONS

View the pdf versions in [my Git](#)

- **FreeCodeCamp** - Responsive Web Design
- **Udemy** - Computer Vision Python OCR and Object Detection, Python and Django Full Stack Dev Bootcamp & Python for Comp Vision with OpenCV and Deep Learning
- **SoloLearn** - SQL
- **DataQuest** - Kaggle, Python fundamentals & Python intermediate
- **DataCamp** - Python & R

SOME SIDE PROJECTS

- Higgs Boson Machine Learning Challenge- Using Matlab and Machine Learning Package [Notes Here](#);
- OpenCV + Pyautogui Bot to beat an Online Gaming Casino during initial bonus;

HOBBIES & INTERESTS

[Books & Comics](#)

[Board Games](#)

[Kendo](#)

[LoL](#)

[TFT](#)