

# Daniel García Pulpeiro

Software Engineer

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## EXPERIENCE

### GALICIAN INSTITUTE OF TECHNOLOGY | SOFTWARE ENGINEER

Sep 2019 – Current | A Coruña, Galicia

- **DATA ANALYTICS**(Time series forecasting)  
In this project I managed technical decisions from start to finish. From the development of the prediction algorithm, to the design of the backend and the web that the client company uses to display the predictions. I also lead the deployment of the project, which in this case involves the dockerization of the different components, management of the deployment from Jenkins and integration with the client's Oracle database. Technologies: Python, Django, Angular 12, Pytorch Lightning, Pytorch Forecasting, Docker, Oracle
- **COMPUTER VISION**  
I have participated in several projects related to computer vision (Detection of people, vehicles, cars, etc.) mainly using frameworks such as OpenCV c++, and Pytorch Lightning in the development of algorithms and creating and integrating tools that speed up their development using Minio, Microsoft NNI and dockerization with GPU support.
- **NLP**  
Built an speech to speech translation system with python and pytorch that worked offline.
- **WebRTC**  
Built a real time WebRTC image processing platform. Implemented WebRTC handshake in c++ using libdatachannel. Image processing system based on opencv.

## PROJECTS

### ANHOU.S.COM | PYTHON, DOCKER, REACT, POSTGIS, REDIS

2022  
Housing market data analisis platform as a service, built all by myself using the following technologies: React, fastapi, Postgresql postgis, scrapy, docker swarm, redis and crontab for job scheduling. Scrapes 700000 data points each day

### CIENTOVOLANDO | ANGULAR 12

2020  
Here the challenge was to obtain the first position of the Google ranking. To do this, I focused on optimizing image loading times, improving texts and modifying meta tags. We achieved it in a few weeks for the keyword we were looking for "Descendo del EO".

## SKILLS

### PROGRAMMING

Proficient:  
Python • Javascript • SQL •  
C++ • HTML

Experienced:  
Postgis • Tailwind • Mapbox

Familiar:  
Shell

### LIBRARIES/Frameworks

React • NextJS • GatsbyJS •  
FastAPI • Gunicorn

### TOOLS/PLATFORMS

Docker • Docker Swarm • Git •  
CloudFlare • AWS • Contabo

## EDUCATION

### UNIVERSITY OF A CORUÑA

BACHELOR'S IN COMPUTER SCIENCE

Sep 2015 - Sep 2019 | A Coruña

School of Computing

Average 7.4 Final Project 9.5

## LANGUAGES

**Galician:** Native  
**Spanish:** Native  
**English:** Professional

## ABOUT ME

I am a guy from Galicia who likes sports, software development and having fun. My coworkers say I am good at finding simple answers to hard problems on google. Looking forward to work on a startup, as I'm product focused and I think it will fulfill me more.