Alejandro **Fernández Luces**

SOFTWARE ENGINEER · COMPUTER VISION

A Coruña, Spain

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Summary

Computer Vision Engineer at Automotive Technology Centre of Galicia. Studied computer science. I loved the machine learning and computer vision subjects, so I decided to specialize on it with a master's degree. Passionate about physics, biology and history. Constantly looking for new things to learn and new challenges to solve.

Education

B.S. in Computer Science *A Coruña, Spain*

UNIVERSITY OF A CORUÑA *Sept. 2014 - May 2020*

- Bachelor thesis - Analysis, design and implementation of machine learning models: prediction using sensoric data from trawling vessels (90% Qualification).

International M.S. in Computer Vision *A Coruña, Spain*

UNIVERSITY OF A CORUÑA, UNIVERSITY OF VIGO, UNIVERSITY OF SANTIAGO AND UNIVERSITY OF PORTO *Sept. 2020 - May 2022*

- Master thesis - Object Detection in Embedded Systems: A Study on Deep Learning Approaches (92% qualification).

Work Experience

Computer Vision Engineer *O Porriño, Spain*

AUTOMOTIVE TECHNOLOGY CENTRE OF GALICIA *Aug. 2021 - Currently*

- Development of software components for connecting image processing modules with vehicle cameras and hardware.
- Development of object detection models for embedded devices, as well as benchmarking of deep learning models on embedded devices.

Machine Learning Engineer Internship *A Coruña, Spain*

TECHNOLOGIC INSTITUTE OF GALICIA *Oct. 2018 - Jan. 2019*

- Development of regression models for water comsuption in a public building.
- Research, data collection and development of a regression problem about power generation in wind parks.

Skills

Deep Learning	PyTorch, Scikit-learn, OpenCV, DataFrames, Tensorflow
Programming	Python, C++, Java, LaTeX, Software Design, Git
Back-end	REST API
Languages	Spanish, English, Galician