



# VICENT GILABERT MAÑO

TELECOMMUNICATIONS ENGINEER  
COMPUTER VISION ENGINEER

## CONTACT ME AT

- Valencia (Spain)
- +34 629946144
- vgilabert.94@gmail.com
- vgilabert94.github.io
- @vgilabert

## SKILLS SUMMARY

- Python
- MATLAB
- Machine Learning
- Image Processing  
(Computer vision)
- Labview
- C / C++

## COMPLEMENTARY EDUCATION

- Data Science Bootcamp using Python. (Udemy)
- Machine Learning  
Stanford University (Coursera)
- Intermediate Python for Data Science  
Datacamp
- Introduction of Deep Learning  
University of Alicante

## PERSONAL PROFILE

I am a telecommunications engineer specialised in artificial intelligence and computer vision. I am ready to continue learning and training to learn the most advanced technologies/algorithms. I am responsible in my tasks and able to learn constantly, trying to achieve the best results by teamwork, providing new ideas and solutions.

## WORK EXPERIENCE

### Data Scientist

Cognizant Spain | May 2024 - Now

- Part of the AIA (Artificial Intelligence and Analytics) in Spain.
- Analysis, design and development of ML projects in the field of generative AI, with a focus on document analysis and data extraction in the banking sector.
- Python, Azure AI, OpenCV, Langchain, Pydantic, OpenAI API, etc.

### Computer Vision Research Engineer

SEDDI | Sep 2022 - May 2024

- Research and development of computer vision algorithms to bring new functionalities and technologies to Textura.ai.
- Review the state of the art in various areas of computer vision. Image retrieval, image quality assessment, image restoration (enhancement), etc.
- Python, pytorch, lightning, opencv, sk-image, PIL, numpy, scipy, pandas, matplotlib, ONNX, kornia, streamlit, etc.

### Junior Computer Vision Engineer

AUTIS Ingenieros S.L. | Oct 2019 - Sep 2021

- Review, maintenance and improvement of the operation of computer vision systems in projects already in production.
- Commissioning of international computer vision projects in industry. I traveled abroad for FORD, TOYOTA, NISSAN, TESLA.
- LabVIEW programming of image processing tools.

### Research Internship

University of Alicante | Oct 2018 - Jan 2019

- Machine Learning and Neural Networks especially CNN
- Image Processing
- Image Labeling to create an OMR dataset to train a ML model.
- Tools:
  - Python + Tensorflow + Keras + OpenCV + Numpy
  - Matlab



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## EDUCATIONAL HISTORY

### Rey Juan Carlos University

Master degree in Computer Vision | Sep 2021 - Jun 2022

- Image and video processing, machine and deep learning, biometrics, robotics, 3D vision, medical image.
- Python, OpenCV, SciPy, Keras (TF), MATLAB.
- Master thesis: Detection of minimum repeatable tile in fabric textures using CNN activations.

### Exchange. Federico Santa Maria Technical University. Valparaíso (Chile)

Degree in Sound and Image Engineering in  
Telecommunications. | Feb 2019 - Jul 2019

- Subjects studied: Computer Project Management, Antennas and Propagation, Wireless Networks and Computer Vision

### University Of Alicante

Degree in Sound and Image Engineering in  
Telecommunications. | 2014 - 2019

- Thesis involved studying the Segmentation of handwritten music documents using Machine Learning.

### IES Maria Enriquez (Gandia)

Senior Technician in Administration of Networked  
Computer Systems. | 2012 - 2014

### IES Enric Valor

Technician in Microcomputer Systems and Networking |  
2010 - 2012

## LANGUAGES

- Spanish: Native
- Valencian/Catalan: Native
- English: B1 Certificate (ACLES 2017).
  - English course in Dublin for two months. (2017)
  - Four months working in the US. (2020-2021)