




# VICENT GILABERT MAÑO

TELECOMMUNICATIONS ENGINEER  
COMPUTER VISION ENGINEER

## CONTACT ME AT

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-  +34 629946144
-  [vgilabert.94@gmail.com](mailto:vgilabert.94@gmail.com)
-  [vgilabert94.github.io](https://github.com/vgilabert94)
-  [@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

### Computer Vision Research Engineer

SEDDI | Sep 2022 - Now

- 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 imagen 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

### Computer Technician

Ajuntament d'Oliva (Oliva) | Jul 2014 - Sep 2014

### Web Developer. Internship

Quasar formacion (Gandia) | Mar 2014 - Jun 2014

### Computer Technician. Internship



Centre Informàtic Oliva (Oliva) | Mar 2012 - Jun 2012



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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)