VICENTE GILABERT MAÑO

TELECOMMUNICATIONS ENGINEER
COMPUTER VISION ENGINEER

CONTACT ME AT

📍 Currently:
Valencia
Spain

✉ vgilabert.94@gmail.com

💻 https://github.com/vgilabert94

in @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, NISSSAN, 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)