

# ANDRÉ PILASTRI | RESUME



I am passionate about Data Science and Computer Vision. With over 5 years of experience developing research projects in Data Science and Computer Vision, my career goal is to master best practices, trends, and new technologies, bringing creative ideas to life.

## STATUS

Managing and coordinating projects in computer vision and artificial intelligence applications. I conduct practical research with a scientific mindset, and a focus on delivery, working closely with different projects at national and international level with the engineering team to integrate ML algorithms into the platform.

## EXPERIENCE

### Head of Technology Innovation

GTP Automation, 2018 - 2019/01

- Development of Industrial Storage solution for the maintenance of stock:
  - Vision Picking - Package classification based on AR and Deep Learning;
  - Drone Mapping - Empty rack counting using aerial image analysis;
  - Hunter - Odometry implementation for drone positioning system;

### Assistant Professor

Mato Grosso State University,  
2010-2014

- Teacher and Researcher in the disciplinary area of Computer Science, with focus on the following curricular units: algorithms, data structure, and computer graphics;
- Co-founder: Research Group PIXEL - UNEMAT;

## EDUCATION

### Ph.D. Candidate - Informatics Engineering

FEUP, 2015 / Present

- Thesis (finishing): Complex Networks in Computational Vision - Application in the Analysis of Dermatoscopic Images.
  - Focused on developing machine learning models for the diagnosis of skin lesions from medical imaging;
- Research interests include: medical image processing, computer vision, complex networks, superpixels and deep learning;

### Master's Degree, Computer Science

UNESP - São Paulo State University,  
2010-2012

- Dissertation: Análise de Multirresolução baseada em Polinômio Potência de Sigmóide - Wavelet;
- In this research presents a technique based on pyramid transforms the PPS and PPS-Wavelet families applied to digital images. The pyramids of images are important techniques used in multiresolution decompositions, applied to computer vision and image processing;

### Specialization Course in Project Management - PMI

Centro Universitário Senac,  
2009-2010

- Dissertation: Implementation of a high availability Datacenter based on information security.
  - Number of PDUs: 360

## CONTACT

📍 Porto, Portugal

☎ +351 910 790 746

✉ andre.pilastri@gmail.com

🌐 <https://goo.gl/HpLiy2>

🎓 CV Lattes

in [linkedin.com/in/apilastri/](https://www.linkedin.com/in/apilastri/)

🐙 [github.com/pilastri](https://github.com/pilastri)

## FIELDS

🔧 Project Management

★★★★★★★★★★★★

🔧 SCRUM

★★★★★★★★★★★★★

📄 Software Development

★★★★★★★★★★★★★

🗨 Consulting

★★★★★★★★★★★★★

🔧 DEVOPS

★★★★★★★★★★★

## STRENGTHS

- 🔧 Hard-working
- 🔧 Driven by Challenges
- 🔧 Eye for detail
- 🔧 Motivator & Leader

## TECHNOLOGIES

📄 Python   📄 C++   🔧 Git

🔗 Blockchain   🧠 Keras   🧠 Tensorflow

🔗 OpenCV   📄 ML packages

## TOOLS

📄 VSCode   📄 RStudio   >\_ Terminal

📦 Docker   ⚙ Jenkins   🔧 Git

🌐 JupyterLab   ⚙ Slack   📅 Trello

## ACTIVITIES



## OPERATING SYSTEMS

