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 the 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

Computer Vision Research Scientist — GTP Automation, 2018 - 2019/01

- Computer Vision and Deep Learning development for Industry 4.0 solutions:
  - Vision Picking - Package classification based on AR and Deep Learning;
  - Volumes Estimation - Calculation the volume of shipping container racks with aerial footage, using OpenCV and shapefile format;
  - Drone Indoor Positioning - Estimate position using printed ArUco markers;

Assistant Professor — Mato Grosso State University, 2010-2014

- Professor 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

- Number of PDUs: 360

CONTACT

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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