

HEITOR FELIX

MSc Student in Computer Science

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EXPERIENCE

Research Assistant

Voxar Labs

📅 Feb 2019 – Ongoing 📍 Recife, Brazil

- Research and development in partnership with HP International
- Two patents submitted at the United States Patent and Trademark Office
- Research and development in partnership with In Forma Software working on Anomaly Analysis with Deep learning

Internship Engineer

Avante Industrial Automation

📅 Feb 2018 – Jul 2018 📍 Recife, Brazil

- Software development for PLCs and HMIs
- Automation of industrial processes
- Services provided to companies such as Nissin, BRF, Terphane and Owens-Illinois

Teacher Assistant of Linear Algebra

Universidade Federal de Pernambuco, Brazil

📅 Mar 2015 – Jul 2017 📍 Recife, Brazil

EDUCATION

MSc in Computer Science

Universidade Federal de Pernambuco, Brazil

📅 Mar 2020 – Feb 2022

BSc in Computer Engineering

Universidade Federal de Pernambuco, Brazil

📅 2014 – 2019

PUBLICATIONS

STN PLAD: A Dataset for Multi-Size Power Line Assets Detection in High-Resolution UAV Images
34th Conference on Graphics, Patterns and Images (SIBGRAPI 2021)

📅 Oct 2021 📍 Virtual

Squeezed Deep 6DoF Object Detection using Knowledge Distillation

2020 International Joint Conference on Neural Networks (IJCNN)

📅 Jul 2020 📍 Glasgow, United Kingdom

Image Processing Techniques to Improve Deep 6DoF Detection in RGB Images

Extended Annals of the 21st Symposium on Virtual and Augmented Reality (SVR 2019)

📅 Oct 2019 📍 Rio de Janeiro, Brazil

COURSES

Machine Learning Engineering for Production (MLOps)

Coursera

📅 Dec 2021 📍 [SPGPQXLQ6WGF](#)

Generative Adversarial Networks (GANs)

Coursera

📅 Feb 2021 📍 [ANZKVFECK9TWU](#)

Deep Learning Specialization

Coursera

📅 Sep 2020 📍 [ZCW74Y925V43](#)

LEADERSHIPS AND AWARDS

🎓 **Scholarship**
2020 - Masters Scholarship, CNPq

🎓 **Scholarship**
2020 - Research and Innovation Scholarship, SOFTEXRECIFE

🏆 **Award**
2017 - Honorable Mention, Embedded Systems Competition 2017 WND IoT Challenge, SBESC

SKILLS

Computer Vision

Deep Learning

Android Development

GANs

PyTorch

OpenCV

Linux

Windows

PROGRAMMING LANGUAGES

Python
Kotlin
C/C++



LANGUAGES

Portuguese
English

