HEITOR FELIX

MSc in Computer Science

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EXPERIENCE

Project Leader
Voxar Labs

📅 Jan 2022 – Ongoing 📍 Recife, Brazil

- Research and development in partnership with HP International
- Project leader in research project with MLOps and ML's best practices

Research Assistant
Voxar Labs

📅 Feb 2019 – Dec 2021 📍 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

EDUCATION

MSc in Computer Science
Universidade Federal de Pernambuco, Brazil

📅 Mar 2020 – Apr 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

Patent: Watermarked image signal with varied watermark strengths
World Intellectual Property Organization (WIPO)

📅 Apr 2020 📍 USA

Patent: Neural networks to provide images to recognition engines
World Intellectual Property Organization (WIPO)

📅 Dec 2019 📍 USA

COURSES

Machine Learning Engineering for Production (MLOps)
Coursera

📅 Dec 2021 📍 *SPGPQXLQ6WGF*

Generative Adversarial Networks (GANs)
Coursera

📅 Feb 2021 📍 *ANZKVFCK9TWU*

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
GANs | AWS | MLOps | Kubernetes

PyTorch | OpenCV | Linux
Windows | Databricks | MLflow

Python | Kotlin | C/C++

LANGUAGES

Portuguese ●●●●●
English ●●●●○