

# HEITOR FELIX

MSc Student in Computer Science

@ hcf2@cin.ufpe.br    📍 Recife, Brazil    in linkedin.com/in/heitorcfelix    📄 github.com/heitorcfelix

## 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

## 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

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    📍 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    ●●●●●