

ARNALDO GUALBERTO

Machine Learning & Deep Learning Engineer

@ arnaldo.g12@gmail.com +55 (83) 98830-1625 São Paulo, Brazil
github.com/arnaldog12 medium.com/@arnaldog12
in linkedin.com/in/arnaldo-gualberto



EXPERIENCE

Machine Learning Analyst

Wildlife Studios

November 2019 – Today São Paulo, Brazil

Wildlife is a Brazilian mobile game startup valued at \$1.3 billion, making it Brazil's most valuable tech company with the widest global reach. I was hired as a Tech Lead of the new Machine Learning Team to leverage the application of Machine Learning and Deep Learning in the company's project and goals.

Machine Learning Engineer

Vsoft Technology

August 2016 – September 2019 João Pessoa, Brazil

My work involves the creation and improvement of solutions by application of Machine Learning and Deep Learning techniques. Since I have started working here, I have already finished more than 10 projects, including fingerprint classifiers and face/traffic signs detectors.

Google Developer Expert on Machine Learning

Google Developers

October 2018 – Today

The Experts Program title recognizes the outstanding developers who exhibit great expertise in one or more Google technologies and share it with the developer community. They drive community projects and present at large and small events; They are content creators such as tutorials, code samples, books, and blogs. These independent developers bring their real-world experience and knowledge of working with Google technologies to developer communities worldwide.

PROJECTS

Detection

- ✓ Traffic-light detector and state recognizer based on LBP Cascades and Support Vector Machines ▶
- ✓ Stop sign detector based on Dlib ▶
- ✓ Head detector based on Haar Cascades and SVM ▶
- ✓ Head detector based on Fully Convolutional Neural Networks

Classification

- ✓ Fingerprint singularities classifier based on SVM
- ✓ 5-class fingerprint classifier based on CNNs
- ✓ Hat/cap classifier by Transfer Learning on MobileNet ▶
- ✓ Real-time face liveness detector based on SVM ▶

Regression

- ✓ Car distance estimator based on webcam image only ▶
- ✓ Face pose estimator based on Neural Networks ▶

Segmentation

- ✓ Fingerprint segmentation based on Deep Autoencoders
- ✓ 8-classes face segmenter based on Deep Auto-encoders ▶

EDUCATION

MSc in Informatics Degree

Federal University of Paraíba

April 2014 – October 2015

Computer Science Bachelor Degree

Federal University of Paraíba

August 2009 – April 2014

AWARDS

Láurea Acadêmica Award (2nd place)

Award granted to students who are graduated with best academic performance within the Bachelor in Computer Science Department

SKILLS

Machine Learning Deep Learning
TensorFlow Keras OpenCV Dlib
Python C++

LANGUAGES

Portuguese
English



COURSEWORK

Coursera Neural Networks and Deep Learning
Coursera Improving Deep Neural Networks
Coursera Structuring M. Learning Projects
Coursera Convolutional Neural Networks
Coursera Sequence Models
Coursera Deploying Machine Learning Models
UFG Deep Learning Brazil Summer School
UNICAMP Practical Course in Deep Neural Networks for Image Analysis
Udacity Machine Learning
Udacity Intro to Machine Learning
Udacity Intro to Inferential Statistics
Udacity Intro to Descriptive Statistics
Udacity Intro to Data Analysis
Udemy Deployment of Mach. Learning Models