



# Anderson Araújo da Cruz

SW Engineer, SW Developer,  
Data Scientist, AI Engineer



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## About me

I've Bachelor's degree in Computer Science from Federal University of Amazonas (UFAM) localized at Brazil in 2016. Actually, I'm Master's degree student in UFAM and research at the Laboratory of Research in Embedded Systems. I'm interested in working in the following areas: machine learning, deep learning, artificial intelligence, data science, embedded systems, mobile applications and distributed.

## Skills

Arduino, 8051, Galileo Intel, Raspberry

NoSQL, Hadoop, Spark, MapReduce

NodeJS, React

Python, Java, JS, PHP, Android, C and C++

Machine and Deep Learning

(\*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

## Languages

2010-2012 English  
Intermediate

Course

## Education

2017- M.Sc. in Computer Science Federal University of Amazonas  
Title: Emotion Recognition based on Facial Expressions Using Convolutional Neural Networks

2013-2016 B.Sc. in Computer Science Federal University of Amazonas  
Title: Emotion Recognition based on Physiological Sensors

## Awards

2014 Best mobile app - Project: Promobile/UFAM/Samsung R\$1.000,00

2015 Best mobile app - Project: Promobile/UFAM/Samsung R\$1.000,00

## Experience

2018- Institute Triad Systems - iTRIAD Celetista  
Computer Vision and Machine Learning Software Developer

2014-2016 Systems for Behavioral Assessment and Intelligent Recommendation in Educational Environments and Remote Health UFAM/Samsung  
Developer/Research

2013-2016 Strategic program of induction to the training of human resources in engineering and information technology in schools. FAPEAM- Amazonas  
State Research Foundation  
Tutor

## Complementary Courses

2015 Sentiment Analysis Methods for Social Media WebMedia

2015 Recommender Systems WebMedia

## Publications

2017 CRUZ, ANDERSON; LEITÃO, GABRIEL ; COLONNA, JUAN ; SILVA, EDSON ; BARRETO, RAIMUNDO ; PRIMO, TIAGO . Framework para coleta e inferência de estados emocionais de alunos baseado em reconhecimento de expressões faciais. In: XXVIII Simpósio Brasileiro de Informática na Educação SBIE (Brazilian Symposium on Computers in Education), 2017, Recife, 2017. p. 997.

2017 ALMEIDA, G. ; CRUZ, ANDERSON ; CASTRO, T. ; GADELHA, B. . Done: Uma ferramenta de suporte à aprendizagem colaborativa de programação utilizando técnicas do Coding Dojo. In: Conferência Internacional sobre Informática na Educação, TISE, 2017, Fortaleza. Nuevas Ideas en Informática Educativa. Santiago de Chile, 2017. v. 13. p. 77-86.

2016 RIBEIRO, ERICK ; BENTES, LARISSA ; CRUZ, ANDERSON ; LEITAO, GABRIEL ; BARRETO, RAIMUNDO ; SILVA, VANDERMI ; PRIMO, TIAGO ; KOCH, FERNANDO . On the use of inertial sensors and machine learning for automatic recognition of fainting and epileptic seizure. In: 2016 IEEE 18th International Conference on eHealth Networking, Applications and Services (Healthcom), 2016, Munich. p. 1.

2016 CRUZ, ANDERSON ; LEITAO, GABRIEL ; BARRETO, RAIMUNDO ; KOCH, FERNANDO ; PRIMO, TIAGO . Emotion Recognition based on Physiological Sensors and Machine Learning Techniques. In: 2016 International Symposium on Perception, Action, and Cognitive Systems (PACS), 2016, Seoul (Korea). p. 30-32.

