Anderson Araújo da Cruz

Data Scientist, AI Engineer, SW Engineer, ML Engineer

- March 12, 1995
- Manaus, AM - Brazil
- +55 92 99243-6073
- http://lattes.cnpq.br/ 2289337100953806
- ac.andersoncruz@gmail.com aac@icomp.ufam.edu.br

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

	Portuguese Native	
2010-2012	English Advanced	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

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.