


Errol Mamani

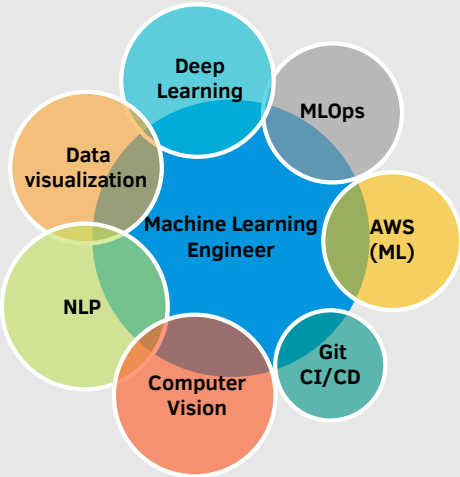
Machine Learning Engineer



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Technical Skills

Overview



Languages

- Spanish|Quechua • Native
- English • Professional (B2)
- Chinese • beginner

Education

- 2017-2020 MSc. Computer ScienceSan Pablo Catholic University
- 2009-2016 Software EngineerUniversidad Nacional San Antonio Abad del Cusco

Programming

- 1 | Python • c++ • Pytorch • TensorFlow • OpenCV • Scikit-learn • FastAPI • flask
- 2 | NLTK • spaCy • NodeJS • SQL • AWS • HPC • Docker • git • CLI linux

Experience

- Dic 2022 Computer Vision Engineer (PING4ALL)site
- Oct 2024
 - As a CV Engineer, I use c++,python with OpenCV for FMO object detection and deployed DL models using HPC & GPU parallelization for real-time game video analysis.
- May 2021 Aggressive language detection (NLP)/ Research Assistant(UCSP)site
- Jun 2022
 - Developed research on Deep learning algorithms, proposed, and implemented aggressive text detection in a Spanish case study task using BERT_GCN pipeline.
- Aug 2020 Design and developing an AMR / Machine Learning Developersite
- Dic 2020
 - Created and labeled Dataset, implement a DL pipeline using YOLO and SSD to recognize digits from a single image (OCR) taken in the wild.
- Aug 2019 Text Lyrics Language Generation (NLP)/ M.L. Developergithub
- Oct 2019
 - Created Text Corpus, and designed algorithms for automatic lyrics generation using LSTM and big data for the Quechua language.
- Mar 2018 Sentiment Analysis (NLP)/ Machine Learning Developergithub
- Aug 2018
 - Twitter web scraped, Data creation, designed and deploy SVM model for automatic public opinion prediction about politics in social media.
- Feb 2017 Front-end developer (React)Rondero startup
- Nov 2017
 - In a Team of 3, we built a hybrid web app with react native to report the incident of a crime in real-time.
- Aug 2016 App Developer (Internship) (JS)DOA HOLDING S.A.C
- Dec 2016
 - In a team of 3, we built hybrid mobile & web apps with React native, React.js, and Firebase, handling the real-time registration for the cleaning service.

Projects

- 2022 Video objects Classification using Deep Learning (Computer Vision)video here
- 2022 Spotify lyrics scrapping with python (Scrapy)video here
- 2019 3D Face Reconstruction from a single Image, Volumetric CNN Regressionvideo here
- 2018 Optical flow ActionRecognition in Video (Computer Vision)video here
- 2018 3D nested mesh automatic generation with DL (Computer Vision)video here

Volunteer

- 2022, 2024 Committee co-chair Latinx in AI(LXAI):NAACL(Latinx in AI)website here
- 2023,2024 Beginner in research (Cohere-Aya AI)website here