

Errol Mamani

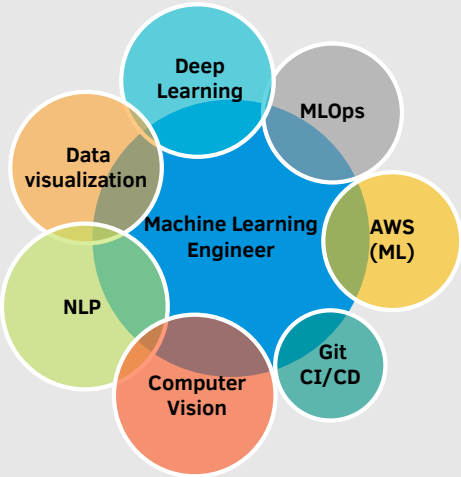
Machine Learning Engineer



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Technical Skills

Overview



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

Education

2017 - 2020 MSc. Computer Science

San Pablo Catholic University

2009 - 2016Software Engineer

Universidad 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

- Jan 2023

Computer Vision Engineer (PING4ALL)

ping4All
- Sep 2024

- As a CV Engineer, I utilized c++,python with OpenCV for FMO object detection and deployed DL models using HPC & GPU parallelization for real-time game video analysis.
- 2022

Committee co-chair Latinx in AI(LXAI): NAACL conference

Inxnlp
- 2024

- In a team of 9, I Focused on promoting, advertising, and coordinating with the chair committee to organize the event. Manage the agenda of the virtual meetings workshop of the AI Latam community.
- 2021

Aggressive language detection (NLP)/ Research Assistant

UCSP
- Developed research on Deep learning algorithms, proposed, and implemented aggressive text detection in a Spanish case study task using BERT_GCN pipeline.
- 2020

Design and developing an AMR / Machine Learning Developer

ref:
- Created and labeled Dataset, implement a DL pipeline using YOLO and SSD to recognize digits from a single image (OCR) taken in the wild.
- 2019

Text Lyrics Language Generation (NLP)/ M.L. Developer

github
- Created Text Corpus, and designed algorithms for automatic lyrics generation using LSTM and big data for the Quechua language.
- 2018

Sentiment Analysis (NLP)/ Machine Learning Developer

github
- 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

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)

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 Regression

[video here](#)
- 2018

Optical flow ActionRecognition in Video (Computer Vision)

[video here](#)
- 2018

3D nested mesh automatic generation with DL (Computer Vision)

[video here](#)