Position

Jhon Freddy Vargas Reyes

Data Scientist | Project & Technical Lead

Personal Information

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Lima-Perú

Skills

Being proactive and self learning. Thinking in a critical way.

Python, SQL, JavaScript, POO.

Cloud Infrastructure CGP, AWS for implementing ML pipelines.

CV, NLP, Unsupervised and Supervised Machine Learning Models.

Experience

Itresse/ Data Scientist Consultant

Feb 2021 - Jul 2022, Lima Peru

Research information for creating datasets and ML models in order to output as Insight reports:

- Extract, pre-processing and cleaning datasets for input making machine learning models.
- Select, build and optimize classifiers with machine learning techniques.
- Doing analysis, inference and interpretation about results for preparing reports.
- Propose solutions and strategies to tackle business challenges.
- Implement Cloud Infrastructure on CGP, AWS for ML pipelines.

Huawei Technologies - DE Tech/ Technical Leader/Director Consultant

March 2021 - July 2022, Lima Peru

As Delivery Technical Director execute many Projects on Peru Claro Operator:

- VoBB Telco Cloud Migration
- VoLTE Telco Cloud Expansion

Itresse/ Technical & Project Manager

October 2019 - November 2020, Lima Peru

Make things happens during initial stage of startup:

- Design, implement Agile process
- Develop Business Model & Marketing Strategy for commercial launch phase.
- Develop Product/Problem market fit with lean startup methodology.
- Develop a commercial launch website from scratch (MERN Stack).
- Handle risk & control of issues during Product Market fit.

Huawei Technologies/ Delivery Technical Director/Leader

January 2014 - October 2019, Lima Peru

As aDelivery Technical Director execute many Projects on Peru Claro Operator:

- VoLTE Roaming S8HR, IMS Expansion, Small Projects
- Swap SBC and SSR Deployment

- CS Swap Project – IMS FMC VoLTE+VoBB and VoLTE – Phase 2&3
- LTE TDD Access and HFC Fixed Modernization.
- Execution of Critical Operation on IMS/VoBB/VoLTE like Upgrades, Critical Issues, Complex Operation.

Huawei Technologies/ Delivery Technical Leader
June 2013 - January 2014, Lima Peru

Technical Leader for the Migration Projects on Peru Telefonica Operator:
- Signaling Links to NGN TDP Network
- Migration of New N2000 on NGN TDP Network.
- TDP-NGN Project Delivery Expansion for 11-STM1.

Areas of Knowledge

- Experience in many **AI paradigms** like ML, DL, Optimization, ABM, NLP, CV.
- Managing **ML/DL models** like SVM/K-Means/EM/CNN/LSTM/GAN since 2020.
- Good knowledge on Cloud Infrastructure like CGP, AWS for implementing ML pipelines.
- Good knowledge in **POO** in Python, JavaScript, C++ and Databases Languages like SQL.
- Good technical background of **telecom convergent networks** like IMS/VoLTE/VoBB/ICS.
- Experience **leading** a team of 5+ on a multinational Provider **Huawei**.
- Good knowledge and practice on **Agile**/**Scrum** framework and **PMP** methodology.

Academic

Study of object detection with distance estimation in real time/Computer Vision
Agosto 2021, Lima Peru

News text classification based in its content/Natural Language Processing
Agosto 2021, Lima Peru

Model Agent-based for measurement the spread of COVID19/Model based in Agent
Agosto 2021, Lima Peru

Optimize 3D bin packing problem with PSO and GRASP/ Intelligent System
Agosto 2021, Lima Peru

Education

BREIT/ Advanced Program in Data Science & Global Skills - 4th Generation
May 2021, Lima Peru

Scrum Master Certified / Certification ID 791722
July 2020, Lima Peru

PM Certifica / PMP Diploma
June 2018 - September 2018, Lima Peru

National University of Engineering/ Candidate for Master in Computer Science
September 2020 - November 2022, Lima Peru

MITx MicroMasters + MIT IDSS/ Candidate for Master in Statistics and Data Science
Junio 2021 - November 2022, Lima Peru

National University of Engineering / B. Sc. Electronic Engineering
July 2003 - July 2011, Lima Peru

Hobies

- Music production, playing guitar, singing.
- Watching science fiction movies.
- Reading business and technology books.
- Biking, walking, traveling.