

Erika P Ordonez

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Optimization RF Engineer

Highly motivated Telecommunications Professional with extensive experience and real world experience managing telecommunication projects and data analysis for major companies including AT&T and Cisco. Possesses a proven ability to meet the challenges and quickly assimilate to the newest technologies, skills, and concepts. Recognized as a creative problem solver able to effectively work alone or as part of a team.

- Project Management
- Communication (written and oral)
- Fluent in Spanish (reading, written and oral)
- KPI Analysis
- Cluster Optimization
- Layer 3 Analysis
- KPI Performance Improvement
- Troubleshooting 2G, 3G, LTE, VoLTE
- Top offenders/VIP routes

TECHNICAL SKILLS

Telecommunications Software: MapInfo, Nokia NetAct Suite, Cisco SON Self-Optimization Network Tool, Tems Discovery, Google Earth, Atoll, Windcatcher, M2000, UNET, Genex Assistant, FMA, Netnumen, Optimix-parameters, PCI scanner and Spectrum Analyzer

Languages: Python, R, Oracle SQL **Microsoft Office:** Excel (Vlookup, VBA, Macros), Word, PowerPoint

EDUCATION

Master of Science, Quantitative Finance, University of Texas at Arlington, TX, GPA:3.9 5/2019

Bachelor of Science, Electronics and Telecommunications Engineering, Polytechnic School ESPOL Ecuador 1/2009

PROFESSIONAL EXPERIENCE

Perfosolut, Guayaquil, Ecuador 9/2016 – 12/2017
IT Technical Support

- Fixed systems and work with internal customers to determine needed hardware or software changes.
- Designed, implemented, and managed wired and wireless LAN networks with firewall and router configurations and anti-malware solutions.
- Configuration VoIP phones for the office, analysis of SIP protocol.
- Updating tests for the Moramon Android application for monitoring radio bases of Movistar Ecuador using ADB and Android Studio. https://play.google.com/store/apps/details?id=ec.sekai.moramon&hl=en_US

Huawei Technologies, Mexico DF, Mexico 12/2015 – 7/2016
Radiofrequency Consultant AT&T 3G/LTE Project

- Designed and delivered optimized reporting for 15 AT&T clusters in Mexico, Puebla, and San Luis Potosi during Pre-Launch and Post-Launch phase.
- Optimized VoLTE by creating drive testing scenarios to verify SIP, RTP protocols and QCI5 and QCI1 Bearers functionalities and coverage Metric KPIs
- Socialized and implemented new optimization reports with the customer.
- Monitored and reviewed statistical data covering dropped calls, blocked calls, access failures and handovers for 850, 1900, and 2100 frequencies within a 3G and LTE networks.

- Brought performance indicators to 98% by enhancing accessibility and retainability through the addition of 2000 missing neighbors.
- Improved kpi from 85% to 98% through enhancing accessibility driven by reporting.

Cisco Systems, Guayaquil, Ecuador

9/2014 – 10/2015

Self-Optimization Network Consultant

- Directed the configuration of 1,100 3G sites in the self-optimization network system platform.
- Conducted training for 10 Engineering Claro staff members, educating each on all SON functions and features.
- Led customer meetings to establish completed milestones.

OSC Telecoms & Security Solutions, Guayaquil, Ecuador

1/2014 – 8/2014

Radiofrequency Consultant Telefonica 3G Project

- Executed the design strategies for the optimization of the 2G and 3G network with the Telefonica staff.
- Monitored kpis for 50 sites on daily/weekly basis, and implemented process improvement for access failures and drop calls performance indicators.
- Collaborated directly with the Operations team to better troubleshoot outstanding network issues.

Huawei Technologies, Quito, Ecuador

2/2012 – 1/2014

Senior Radiofrequency Engineer 3G / LTE CNT Project

- Assisted in streamlining project progress by directly interacting with customers and cross functional teams.
- Performed root cause analysis of top customer complaints and troubleshoot issues when possible.
- Conducted training and provided oversight to new engineers, highlighting optimization procedures and the best practice use of telecommunication tools.

Telefonica, Quito, Ecuador

5/2010 – 1/2012

Senior Network Quality Engineer

- Quickly identified sites with bad quality within May 2010 to Jan 2012 by effectively monitoring the performance of 3G Nokia cellular network main clusters.
- Coordinated with maintenance staff to troubleshoot actions and prepare reports for follow-up meetings.
- Efficiently resolved and closed 60 customer complaint tickets for low voice quality and data service in the Nokia network.
- Support for the Moramon Android application for monitoring radio bases of Movistar Ecuador using ADB and Android Studio.

Huawei Technologies, Ecuador, Perú, Colombia, Barbados

5/2008 – 5/2010

LATAM Radiofrequency Engineer

- Completed 10 cluster final reports for initial tuning of the Colombia 3G network.
- Reached the coverage indicator by 95% by optimizing coverage between 850 and 1900 networks for the Peru project.
- Elaborated the coverage simulation map of the 3G network for the Barbados project and participated in meetings with customers and staff.

TRAININGS

VoLTE Training, Remote by Gessner Rivas

5/2019

- VoLTE Network Architecture, Volte Optimization and Volte Performance KPI

Huawei LTE Training, Quito, Ecuador

11/2013

- LTE Basic Theory, LTE Cell Parameter Planning, LTE RF Optimization, LTE KPI

ZTE 3G Training, Quito, Ecuador

05/2011

- 3G Basic Theory, 3G Cell Parameter Planning, 3G RF Optimization, 3G KPI

ASSOCIATIONS AND SCHOLARSHIPS

Wayne Watts Graduate Fellowship Scholarship recipient

Beta Gamma Sigma, Member

FMA National Honor Society, Member

ALPFA, Member

Arlington Nooners Toastmasters Club, Member

REFERENCES

Gessner Rivas, Principal RF Engineer

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