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29 y/o

Expert RAN Engineer

Expert RAN Engineer with 6 years' experience in 4G/5G network optimization, IoT integration, and Python-driven data analysis. Skilled in testing, validating, and deploying advanced 4G/5G features in live and lab environments to boost KPIs and network performance.

Work Experience

- Jan 2024 – Present **Expert RAN Engineer**, SFR, Paris, France, .
- Led RAN integration and validation of 5G SA, VoNR and Slicing in both lab and live networks.
 - Coordinated testing of 4G/5G new features and conducted KPI analysis in live environments.
 - Delivered network optimization for NB-IoT & LTE-M, improving performance KPIs.
 - Oversaw large-scale drive-test data analysis, producing reports and dashboards.
 - Acted as technical lead for troubleshooting and defect resolution, ensuring end-to-end RCA
- Oct 2019 – Oct 2023 **Wireless Network Engineer**, Huawei France, Boulogne-Billancourt, France, Graduate Program.
- Managed system integration testing and validation of 4G/5G features across multi-vendor environments.
 - Designed and implemented automated configuration tools, accelerating test preparation and reducing errors.
 - Collaborated with customers and internal teams on test protocol development for mobile radio equipment.
 - Coordinated defect handling and troubleshooting with customer engineering teams.
- Mar – Sep 2019 **Radio System Engineer Intern**, Bouygues Telecom, Meudon-La-Forêt, France, 6 months · Python Anaconda.
- Analyzed data from mobile networks to improve the 4G simulator and to prepare the deployment of 5G
 - Identified information sources concerning 5G to develop models for the incoming 5G simulator
 - Analyzed packets exchanged between the mobile and the radio access network using QxDM

Education

- 2016 – 2019 **General Engineering MSC Course · Networks and telecommunications specialty**, IMT Atlantique (Former Télécom Bretagne), Brest-Rennes, France · GPA : 3.99/3.99.
- Networks · IoT · Big Data · Cloud Computing · DevOps
 - Software Engineering · Computer Science · Random Signal Theory · Physics
- Feb – Jun 2018 **Exchange Semester Master-level Degree**, Seoul National University, Seoul, South Korea.
- Data Mining · Advanced Digital Integrated Circuits · Microeconomics · Compiler Optimization
- 2014 – 2016 **Preparatory Classes two-year undergraduate**, Lycée Faidherbe, Lille, France.
- Mathematics · Physics · Engineering Science

Skills

- Programming** Python - Anaconda Packages · Java · SQL
- Mobile** GSM · UMTS · 4G LTE · 5G NR · Genex Probe · Keysight Nemo · XCAL
- IoT** NB-IOT · LTE-M · Arduino · Raspberry Pi · Pycom
- Tools** PyCharm · Git · Bash · Wireshark · L^AT_EX · Office
- Languages** French : Native English : Fluent · TOEFL 623/680 Korean : Basic

Outside Activities

- Hobbies** Bridge · Table Tennis · Coffee Tasting