DGS

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Telecom Data Scientist

 Mc Lean, VA   Full Time

 Experienced

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<u>**Telecoms Data Scientist**</u>
We are seeking a qualified Telecoms Data Scientist to play a crucial role in analyzing large datasets relating to telecommunications network performance, user behavior, and network optimization. Expertise in 5G Wireless communication is preferred.

In this role you will…
- Collect, preprocess, and analyze large volumes of telecommunications data, including network logs, RF spectrum measurements, and environmental sensor data.
- Clean, transform, and organize raw data to prepare it for analysis, ensuring data integrity and quality.
- Conduct exploratory data analysis to uncover insights and trends related to RF spectrum utilization, network performance, and environmental factors.
- Develop statistical models and machine learning algorithms to extract actionable insights and optimize RF spectrum usage.
- Collaborate with cross-functional teams, including RF engineers, software developers, and product managers, to translate data-driven insights into innovative solutions.
- Design and implement algorithms for RF interference detection, mitigation, and localization, contributing to the enhancement of RF environmental awareness capabilities.
- Stay abreast of the latest advancements in telecommunications, RF spectrum management, and data science techniques, incorporating new methodologies and technologies into our analytical workflows.

The ideal candidate would possess…
- Master's or Doctorate degree in Computer Science, Data Science Electrical Engineering, Statistics, or a related field.
- Proven experience as a Data Scientist or similar role, with a focus on analyzing telecommunications data.
- Strong background in RF communication principles, wireless networking technologies, and RF spectrum management.
- Expertise in data analysis, statistical modeling, and machine learning techniques, with proficiency in Python, R, or other programming languages.
- Experience working with large-scale datasets and distributed computing frameworks.
- Familiarity with telecommunications network performance measurement tools and protocols.
- Excellent analytical, problem-solving, and critical-thinking skills.

- Strong communication and collaboration abilities, with the ability to present complex findings clearly and concisely.
- Ability to thrive in a fast-paced, innovative environment and manage multiple projects simultaneously.

Digital Global Systems (DGS) is a trailblazing spectrum management and Radio Frequency (RF) environmental awareness company that has been at the forefront of industry innovation since its inception in 2012. With an impressive portfolio of over 150 patents, DGS has played a pivotal role in advancing persistent spectrum monitoring and RF data analysis. We are not only committed to addressing current industry needs but also spearheading advancements in the ever-evolving wireless digital market, including 5G applications, dynamic spectrum sharing, intelligent interference management, and RAN integrations. We are in search of resourceful, analytical, and adaptable candidates to join our team as we continue to expand and innovate.

Located minutes away from both the Beltway and the Tysons Corner Metro Stop, our headquarters are easily accessible by the Silver Line. Our comfortable office spaces are complemented by gourmet dining facilities, gym space, and free parking.

Join us at DGS and be part of a pioneering team shaping the wireless landscape of tomorrow.

Check our website (https://www.bing.com/search?pglt=163&q=digital+global+systems+logo&cvid=24b37dbd21144087a0f06d12132ef5c3&gs_lcrp=EgZjaHJvbWUqBggAEEUYOzIGCA for more information!

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