**Company:**
Futurewei Technologies, Inc.
a Subsidiary of Huawei Technologies Co., Ltd.

**Title:**
Chief, Principle and Senior Data Scientists – Artificial Intelligence Driven IT

**Location:**
Framingham, MA

We have multiple exciting data scientist positions in Artificial Intelligence Driven IT, utilizing big data, modern machine and deep learning, other advanced analytics technologies, as well as Huawei IT products including AI acceleration hardware, compute, network and storage to provide customers a wide range of AI-Driven-IT products. We are not only working on a new generation of IT products that are specifically designed for AI use cases for different vertical markets and industries with superior scalability, performance, data mobility, AI computer power, and ease-of use features, also we using AI to enhance IT operations functions with proactive, personal and dynamic insight, as well as leveraging AI inside the IT so that IT systems can make smart system and data management decisions. The software we are working on will enable the concurrent use of multiple data sources, data collection methods, big data analytical (real-time, machine and deep learning) technologies, and visualization technologies. You will work with a team of experts in researching and developing innovative solutions that utilize existing and emerging technologies to add substantial value to Huawei enterprise and public cloud customers.

This role is to apply different machine learning, deep learning etc. AI algorithms to different AI-Driven-IT use cases; research and develop big data infrastructure and applications; design, prototype and develop cutting-edge solutions for the next generation of AI-driven intelligent IT systems using the state-of-art technologies; play a significant role in strong engineering teams to deliver key and high quality software products/capabilities, influence future direction of the industry via innovations to solve some of the technology challenges.

**Job Responsibilities**
- Define AI use cases for Huawei AI-Driven-IT products, provide data science guideline to the team
- Research and develop full-stack IT systems specifically designed AI use cases for different vertical markets and industries, such as IoT, Health Care, Manufacture, Finance, Communication, Consumer, Retail etc.
- Design and develop embedded and ease-of-use AI machine/deep learning development tool set, such as AI developer studios, for customer data scientists, to produce turn-key AI-Driven IT products and solutions
- Responsible for Huawei AI-Driven IT System architecture design which focuses on intelligence, automation, scalability, data mobility, serviceability, and ease-of-use.
• Apply machine learning and deep learning algorithms for IT systems, evaluate algorithms’ effectiveness and performance, and optimize algorithms for real-time performance
- Develop data mining technologies by using state-of-the-art methods
• Work with other IT subject experts to execute technical plan and technical roadmap which describes the next generation of Huawei IT System architecture and features for the next 2-5 years
• Involve in full stack product development for IT AI projects/products including hardware integration, big data and AI software, AI tool set, as well as visualization technologies by using state-of-art technologies including development/deployment in cloud, containers, microservice, Hadoop, NoSQL, large scale messaging systems, machine learning services, and visualization of big data
• Is encouraged to research and prototype advanced and/or emerging technologies to solve real customer issues and propose innovative ideas and projects
• Work in a fast-pace team environment by following Agile software development process

Requirements for position:
• A MS/PhD degree in Computer Science, Mathematics or other technical major
• 5+ year hands-on AI industry experiences building machine learning, deep learning solutions.
• Real plus if experienced in software development of public cloud machine learning services, development tool set to help customer data scientist for ease-of-use features including AI developer studios and AutoML framework
• Familiar with common public cloud AI platforms and tool sets
• 5+ year experiences with deep learning frameworks (such as TensorFlow, Keras, Torch, Caffe, Theano, H20, etc.)
• Excellent understanding of machine learning and deep learning techniques, algorithms and best practice principles
• Experience writing software in one or more ML languages such as Python, Scala, R and/or similar
• Plus if experienced in development of AI-driven solution for IT platform or systems
• Experience in full technology stack for Big Data: data layer, data processing, data ingestion, data presentation, operation, scheduling, security and governance
• Experience in analytics tools and environment for Big Data: such as Hadoop, Spark, Pig, Hive, MapReduce, Flume, SQL
• Experience in performance tuning for machine learning services
- Good applied statistics skills, such as distributions, statistical testing, regression, etc.
- Plus if experienced in data visualization tools, such as D3.js, GGplot, Spotfire etc.
- Data-oriented personality

To apply send your resume to brian.moore@huawei.com