CMS alumnum Supriya Jain is working as a data scientist at ZirMed. They are looking for a data scientist to be based at their Chicago downtown office. This is in the healthcare field. (See below.) If you are interested, please contact Supriya at supriya_1973@yahoo.com.

ZirMed
Innovating Connected Healthcare

Reports to: Chief Data Scientist Location: Chicago
Department: IT Type: Full-time
Date Written: July 24, 2015 FLSA Status: Exempt

What is the purpose of this position?

We are looking for an experienced Data Scientist, who has previously supported healthcare software applications. The data scientist role involves solving technical data-driven healthcare problems using computer science, mathematical, predictive modeling and statistical methods and knowledge. This person will interact with teams from account management, engineering and R&D to conduct detailed analysis and experimentation to maximize predictive modeling and data mining model utility across Zirmed's product line. The role will focus on extending machine learning, predictive modeling and data mining components to provide up-to-date intelligence to healthcare providers maximizing outcomes. An ideal candidate for this position can approach problem-solving challenges independently, has a strong attention to detail and enjoys working in a fast-paced, collaborative and team-based environment.

Responsibilities

Work closely with engineering and product management teams in designing, experimenting-with and implementing machine learning and analytical systems applied to design information and user behavior.

Work closely with engineering teams to gather and process data as well as in surfacing various analytically based features in core products.

Work on groundbreaking new applications of machine learning and analytic technology to healthcare, producing quantitative, justifiable
results to guide feature planning.

Translate real-world healthcare problems to mathematical framework.

Work with product management, marketing and sales as needed to promote sales and to incorporate market and customer feedback

Data exploration, hypothesis creation (from business and product goals), testing algorithms, scaling to large data-sets and validating results will be common tasks for this role

Understand, organize, and communicate root causes of problems and successes.

Requirements
-------------
M.S or higher in the fields of statistics or Computer Science

Complete familiarity with various statistical and machine learning techniques including: classification, regression, dimension reduction, clustering and various multivariate methods

Practical experience implementing algorithms from the above areas

Understanding of orders of algorithms and how they scale

Demonstrated competency in RDBMS (e.g. SQL-Server). Additional competency in C# a plus

Must be a quick learner with the ability to multi-task in a fast-paced environment. Aptitude for medical informatics a plus

Outstanding presentation abilities and the ability to communicate at all levels of the business

Comfortable working in newly forming, ambiguous areas where learning and adaptability are key skill

Outstanding communication and interpersonal skills

Must possess strong analytical, problem-solving and writing skills

Proficient in Microsoft Office applications
Detail-oriented

Must be authorized to work in the United States on a full-time basis for any employer.