## Data Scientist

Our team drives initiatives to improve the monetization of our website and mobile experience while delivering consumer analytics efforts to better understand how users engage with our digital products. We need savvy data scientists to improve inventory efficiency, drive the shift in how digital media is sold today to move toward a performance platform, and provide consumer and engagement insights. The data scientist will be a key member of the team that is making sure our different ad products are hitting pace and that we are generating maximum revenue per impression.

We have built out a sophisticated Hadoop-based data management platform, and the company now collects huge amounts of data across many dimensions. A key challenge for the person filling this role is to go beyond simply being a “stats” person or modeler and be someone able to “get into the grid” in the programming languages that are used in a Big Data environment.

**What the Successful Data Scientist Will Bring/Do:**

* Someone with both statistical modeling experience and technical, engineering skills
* Experienced on the commercial side, and decidedly “hands-on” and not just theoretical.
* Ability and experience dealing with very granular data – preferably from a Hadoop data storage platform
* Knowledge of HIVE QL, an extension of SQL. If you’ve learned SQL and another language previously and are comfortable scripting, you could possibly pick up HIVE quickly. Prior experience using PIG would also be helpful.
* Comfortable working in a UNIX environment.
* Experience or proficiency using SAS or SPSS for modeling; even better would be R. Must be able to leverage R and SAS in the data environment.
* Bring not just an analytics-orientation, but the ability to use analytics to drive key success metrics related to yield management and revenue generation.
* Work with others to develop, refine and scale data management and analytics procedures, systems, workflows, best practices and other issues.

**Experience, Position Requirements, Responsibilities:**

* Ability and experience designing and developing solutions for increasing yield
* Proven mastery of analysis and development of online ad systems for consumer products and services.
* Address issues and questions around pricing and inventory forecasting
* Degree in a quantitative field with working knowledge of CS
* Minimum five to seven years professional experience
* Track record of success working with analytics team in variety of settings
* An advanced data science thinker, doer and expert who likes diving in to solve new problems and design/implement new platforms and solutions.
* Statistics background and some programming skills.
* Experience solving analytics problems using quantitative approaches and predictive modeling, with a marketing analytics focus.
* Experience with data mining, machine learning and predictive analysis

**Personal Attributes and Characteristics:**

* Flexible and resourceful, with a figure-it-out-and-get-it-done mentality; not afraid to make mistakes quickly and course-correct
* A technical leader who brings the ability to develop solid professional relationships and become a productive member of a wider team
* Proven high-level strategic, creative-thinking, and problem-solving abilities.
* Ability to build teamwork and a healthy, respectful, yet driven culture
* Can think creatively to generate and implement unique programs and strategies
* Execution and no ego: not afraid to take on the heavy lifting and lead by example; brings a track record of accomplishments, but still has a lot to learn
* Energy, enthusiasm and a hunger to win; driven to succeed