

Senior Algorithms Engineer

Reports to: VP of Product

Location: R&D Center - Tel Aviv, Israel

Company Profile:

Legolas Media is an innovative technology company in the field of digital marketing. The Legolas platform offers a unique approach by which buyers and sellers can trade online audiences. Agencies and Advertisers use our tools to drive price and performance optimization for audience buying across all inventory types. The platform enables publishers to sell audiences in a direct and guaranteed manner while commanding attractive price points. Legolas is creating a shift in the digital advertising industry, removing much inefficiency in the marketplace, enabling marketing dollars to flow effortlessly and effectively.

Legolas is led by a group of seasoned executives from the digital media industry and is backed by Greylock Partners, Blumberg Capital and strategic investors.

Role Description:

Legolas is hiring a senior algorithms engineer who can analyze terabytes of data and billions of rows to discover correlations and patterns that empowers Legolas Optimization Technology. Typical candidates for this role would have developed data mining algorithms using huge datasets and also built large scale data processing/analytics systems incorporating them. This is a fairly hands-on role for someone who has dealt with large amounts of sparse data and who would enjoy working with a team of very smart engineers.

Responsibilities:

- Master the available data points and their quality
- Design, implement and maintain the statistical & algorithmic models for Legolas' profile engine
- Lead the automation process of advanced statistical & algorithmic procedures
- Support the sales team by analyzing clients' campaigns and recommending immediate actions the will result in performance improvements
- Support the marketing team by analyzing data to identify market trends and news worthy information
- Be part of a fast paced team as a contributor and leader

Required qualifications:

- Advanced statistical knowledge including regressions, boosting, factor analysis and PCA
- Good experience implementing data mining and machine learning algorithms and analyzing large volume of data
- Business Orientation:
 - Ability to explain complex models to a layman
 - Ability to learn the jargon and goals of the digital advertising industry
- Technical Skills
 - Development experience with a statistical package such as S-Plus, R and/or SAS
 - An open and creative mind, when it comes to software design and problem solving
- PhD /BS / MS in Computer science /Statistic /mathematics/ related fields (preferably with emphasis in data mining / machine learning / artificial intelligence / OR) from a leading school
- Team player who is willing to learn and share knowledge