



PERITUS

Peritus - Data Scientist

Peritus is a funded startup created at [The Hive](#) in Palo Alto, CA that delivers artificial intelligence based virtual support expert systems for datacenter service fulfillment and incident resolution. Peritus significantly enhances operational efficiencies of existing support services, and enables managed service providers & system vendors to offer new business continuity entitlements. Peritus assists & automates a wide spectrum of decisions in system support including incident classification, routing, contract coverage, incident resolution recipes and orchestration of incident management between subject matter experts (SMEs).

Peritus' unique vectorization of system log data drives predictive modeling with highly granular feature extraction for early detection of system events. The platform's advanced natural language processing (NLP) capabilities drive Peritus' incident modeling and predictive capabilities. The core service fulfillment engine uses a combination of supervised and unsupervised methods to predict incident features from system log data. Peritus delivers automated orchestration of incident resolution through its close integration with existing incident management platforms.

Preferred Qualifications

- Master's / PhD in CS or equivalent field.
- Proven experience in development and practical implementation of algorithms in one or more of the following fields: modeling, data mining, natural language processing, machine learning, information retrieval.
- Expertise in predictive analytics/statistical modeling/data mining algorithms. Must have knowledge/experience in some/all of the following: Multivariate Regression, Logistic Regression, Support Vector Machines, Bagging, Boosting, Decision Trees, Lifetime analysis, common clustering algorithms, Optimization, Stochastic Processes.
- Familiarity with Big Data platforms (e.g., Hadoop, Hive, Cassandra, Storm, or Spark) is an advantage
- Experience in applying machine learning approaches to support will be a plus
- Good understanding of datacenter systems (network, storage, security, converged, systems software, cloud)
- Ability to make intelligent approximations of mathematical models in order to make them practical and scalable.

Please send resumes to jobs@peritus.ai