Full Stack Data Scientist

Data Science Europe

Who You Are
You are a full-stack data scientist, an experienced quantitative thinker who wants to develop further as both a data scientist and an engineer. You are skilled at finding the precise mathematical kernels of real-world problems and want to bring that talent to bear on the business questions facing the worldâ€™s leading companies. You are excited to apply your existing expertise in fields such as statistics and computer science on BlackSwanâ€™s ELEMENT state-of-the-art infrastructure. You are excited to work at a startup where you will have a chance to expand your scientific and engineering skills to new areas. You share BlackSwanâ€™s commitment to winning
Who We Are
BlackSwanTechnology.aiÂ is a uniquely positioned data science and human Intelleigence insights product company. In our primary application, we offer enterprise level AI empowered Business Applications to the data intensive organisations.Â We are currently building our next generation Enterprise AI Operating system which will be the worldâ€™s most advanced most comprehensive product for Digital Transformation. Our advantage is existing unbelievable human assets, science, engineering, and SaaS product capabilities that align very well with the technology needs.

To help you succeed, we provide a supportive environment that fosters collaboration between teams and team members, where learning and professional growth is considered a key part of your success, and of ours. We offer a flexible work environment with a family-friendly work-life balance
What A Great Candidate Looks Like:

MS or higher in the following areas: Statistics and Mathematics
At least 3-5 years of professional industry experience, in addition to your academic experience
Outstanding quantitative analytical ability.
Able to take less than precise business requirements and translate them into logic problems which you enjoy solving
Independent and creative approach to problem solving
Excellent written and verbal communication skills, with prior experience explaining assumptions, conclusions and methodology to both internal and external customers
In-depth knowledge of Statistics/Probability/Machine Learning
General Statistical concepts such as hypothesis testing, estimation, inference
Supervised and unsupervised statistical techniques such as regression (linear / logistic), time series analysis, clustering
Machine Learning foundations such as bias/variance trade-off, regularization, dimension reduction
Real world experience with popular machine Learning algorithms such as Random Forest, Boosting, SVMs
Experience with unstructured text data using NLP methods such as Latent Dirichlet Allocation (LDA), Latent Semantic Analysis (LSA), Sentiment Models, Word Embeddings, Text Similarity, Entity extraction is a strong plus
Strong programming experience in Pyton and one of the following of the following: Scala/Java, R
Understanding of algorithm complexity and performance implications

- Knowledge of data structures and algorithms
- Good knowledge of Knowledge Engineering
- Good knowledge of Graph technology, Knowledge Graphs, Graph Data bases and Ontologies
- Experience with SQL
- Familiarity with R Shiny framework is a plus

The Opportunity We Offer

BlackSwanTechnologies.ai is seeking to fill a Full-Stack Data Scientist position in on our Data Science team. We work closely with the Product Management team and Platform engineers to anticipate company needs and quickly put state-of-the-art mathematical tools into the hands of end users. Members of the Data Science team translate real world problems into quantitative language, find or create algorithms to solve those problems, and implement them in code. Our team values a creative and empathetic approach to problem solving and strives to maintain rigorous scientific and engineering standards. We will give you the opportunity to work on the full data science pipeline, bringing solutions from basic research all the way to production.

We relentlessly solve problems. We win together.