

Data Scientist

PERMANENT STAFF POSITION AT THE VISUALIZATION CORE LAB, SPECIALIZING IN DATA SCIENCE and DATA-DRIVEN DECISION MAKING. EXCITING CAREER-ENHANCING OPPORTUNITY, WITH COMPETITIVE TAX-FREE PACKAGE.



KAUST is an international graduate-level, merit-based research university dedicated to advancing science and technology through innovative and collaborative research and to addressing challenges of regional and global significance. [KAUST is constantly pushing the boundaries of research, development and education in the Middle East.](#)

جامعة الملك عبد الله
للعلوم والتقنية
King Abdullah University of
Science and Technology

Located on the beautiful **Red Sea coast of Saudi Arabia**, KAUST [sets exceptional standards in residences and recreational facilities](#) and boasts a truly multicultural environment which can be enjoyed by all. It's the perfect setting to live and work for all employees and their families while also offering internationally competitive tax-free salaries and outstanding benefits to entice top talent from around the world.

The [KAUST Core Labs](#) provide state-of-the-art facilities that include one-of-a-kind supercomputing, visualization, and advanced computational resources for simulation, data analysis, data exploration and visualization of scientific data. The [Visualization Core Lab](#) features, among others, a six-sided CAVE virtual environment and several high-resolution tiled display walls. The lab partners with KAUST faculty and researchers to analyze and visualize data in novel ways.

The role of the **Data Scientist** is to work in collaboration with other visualization team members to build cutting-edge interactive data analytics and data science workflows for domain scientists and industry partners to enable the effective analysis and exploration of potentially large scientific datasets and facilitate the understanding of the complex phenomena that produce them. You would serve as an expert in implementing data-science techniques, deep-learning, statistics and pattern-recognition for large-scale, structured and un-structured datasets.

Areas of Expertise

- Data-driven decision making
- Statistical analysis
- Machine Learning approaches
- Deep Neural Networks
- Data Analytics
 - Graph-based data
 - Temporal data
 - Ensembles, Uncertainty
 - Geo-referenced Datasets

Qualifications

- Ph.D. Degree in Computer Science or a related area required
- 3-5 years' experience in some or all of the above areas.

Core Skills

- Programming (2 years' experience, at least): Python, R, C/C++, Julia etc.
- Experience with Data Science Packages such as Theano, Caffe, TensorFlow, MxNet etc.
- Working Knowledge of one or more of the following: ArcGIS, PostGIS, CartoDB, MongoDB.
- Experience with Data Mining Tools: Apache Spark, Weka, RStudio

Desired Skills

- Familiarity with Linux, macOS, and mobile operating systems
- Experience with and technical know-how of accelerated hardware such as GPUs.
- Understanding of color theory, data visualization concepts

Interested candidates apply online at: <https://www.kaust.edu.sa/en/live-work/openings>
Search keyword "Data Scientist". Job Req. Number: 4718BR

