Do you have a strong entrepreneurial spirit, resilience, and flexibility?

Do you enjoy working in teams towards one common goal?

Do you have a solid IT background and the dream to create something different?

If the answer to these three questions is yes, then this might be the right job for you!

Titan Technologies Corporation is a high-tech company based in Hangzhou, epicenter of China's digital transformation and cloud computing. Our core business is the application of digital platforms to industrial machines and the design of AI algorithms through which we analyze and interpret the large amount of data we collect. In essence, we create value by helping our clients run their operations more efficiently, minimizing downtime and reducing costs, while at the same time ensuring people and machines work in a safer way. Funded in 2009, Titan is today a fast growing high-tech enterprise with more than 100 highly qualified data and operations experts, a solid client base, and domestic and international partners. Titan's smart data acquisition hardware and cloud-based solutions for data analysis have been adopted in more than 800 projects and in a variety of industrial sectors, ranging from wind energy to water treatment, packaging, and infrastructure.

JD – Algorithm Engineer

TITAN

Organizational Level: Software R&D **Job Title:** Algorithm Engineer **Unit & location:** Headquarter, Hangzhou	**Reports to**	**Direct Reports**
	Technology Director	Algorithm Team Leader

Key Objectives (purpose & summary)

- Algorithm implementation and application for different industries

Key Products & Responsibilities

- Turn different domain problems into math problems
- Create data models using statistics, data mining, machine learning methods
- Algorithm model selection, training and verification
- Support algorithm platform development

Key performance measures	**What we offer**
- New algorithms applied in production - Improvements to the existing algorithms - Customer value created through algorithms - Code quality	- Opportunity to be in the epicenter of digital innovation in China, working in close contact with both start-ups and international firms - A dynamic and open working environment, where people are valued as our biggest asset - Competitive compensation (base + variable) - Opportunity to further develop technical skills through daily work and cooperation with world's leading universities and institutes

Skills required

- Mathematics, statistics and computer science related majors
- Speaks fluent English and Chinese
- At least 2 years working experience in algorithms
- Mastering python language, data structure and Linux operating system
- Deep understanding of data mining from concepts to practice
- Experience with common machine learning algorithms, including classification, clustering, anomaly detection and so on
- Experience with at least one of the following python machine learning libraries such as scikit-learn, tensorflow, keras.
- Familiar with hadoop or spark is a plus