Passionate about tech? Interested in Energy? Come work for Kayrros, a fast-growing start-up using artificial intelligence to transform the world's biggest industry.

Kayrros is headquartered in Paris, with offices in New York, Houston, London, and Singapore. By working for Kayrros, you will join an energetic team of 140 people, with diverse professional backgrounds—from data science and petroleum engineering to sales and marketing—and over 15 different nationalities and 10 spoken languages.

Our team of energy experts and tech wizards are working to bring transparency to the global energy market. We employ innovative technologies, like satellite imagery processing and artificial intelligence, to capture and analyse data across the energy sector. Combined with our expert analysis, we give our clients valuable information on global market movements to make better business decisions—whether that's trading, investing or managing their operations.

In September 2018, Kayrros received €21M in Serie B funding to continue breaking the boundaries of the energy market.

Interested in operating at the intersection of energy and the data revolution? Get in touch!

We are currently recruiting for our Paris office,

a Data Engineer M/F (CDI)

Data Engineers play a central role in Kayrros. Working hand in hand with Data Scientists and Energy Analysts they gather and process raw data at scale and work closely with Software Engineers to integrate innovations and algorithms into our production system.

As a Data Engineer, you will therefore have to:

- Convert prototypes into reliable products
- Architect, build and test industry-grade data pipelines
- Provide technical support to Data Scientists during exploratory analysis
- Work closely with computer vision researchers to integrate and scale their algorithms
- Evaluate performance and optimize all parts of the stack
- Continuously provide ideas to improve products

Technology stack

- Languages: Python, Java, C
- Tools: Message brokers (RabbitMQ, Kafka), traitement de la donnée (Sci-kit learn, Pandas), imagerie (Rasterio, Gdal, Fiona…), tests (Unittest...)
- Stack data: Hadoop (Apache Spark, Hbase…), Elasticsearch...
- Infrastructure: Docker, Rancher, OpenIO, Gitlab...

Profile

This is an ideal opportunity if you are looking for **your first job** and you want to join a **fast-growing start-up.**

- You hold a Masters 2 degree
- Strong Python 3 Engineer able to write reusable, testable and efficient code and coach others in doing so
- Passion and proven record building data pipelines with an emphasis on software engineering, software architecture, code quality, best practices
- Optionally: experience with some components of our current stack: Spark, Docker, Elasticsearch, Pandas, Scikit-learn
- You are dynamic, curious and eager to learn about the energy industry
- You can work in a fast-paced environment

- You can communicate clearly in English, including with non-technical people
- You are willing to contribute actively and have a real impact to the company success
- You can easily work in an UNIX environment

Why joining Kayrros?

- We are a young, fast-growing tech company and are extremely passionate about what we do.
- We are located in the WeWork building on Rue la Fayette, 75009 (free drinks, events and a vibrant atmosphere).
- You will work with an international team and practice your English (or Chinese, German, Swedish, Portuguese...) on a day to day basis.

Recruitment process

Send your CV specifying the type of contract and your availability

- A phone interview (HR or Product Manager)
- A technical challenge (Code challenge)
- A physical interview (Team member + HR interview + Product Manager)

The whole process will last one month at the maximum.

Want to join us? Please apply: recruitment@kayrros.com