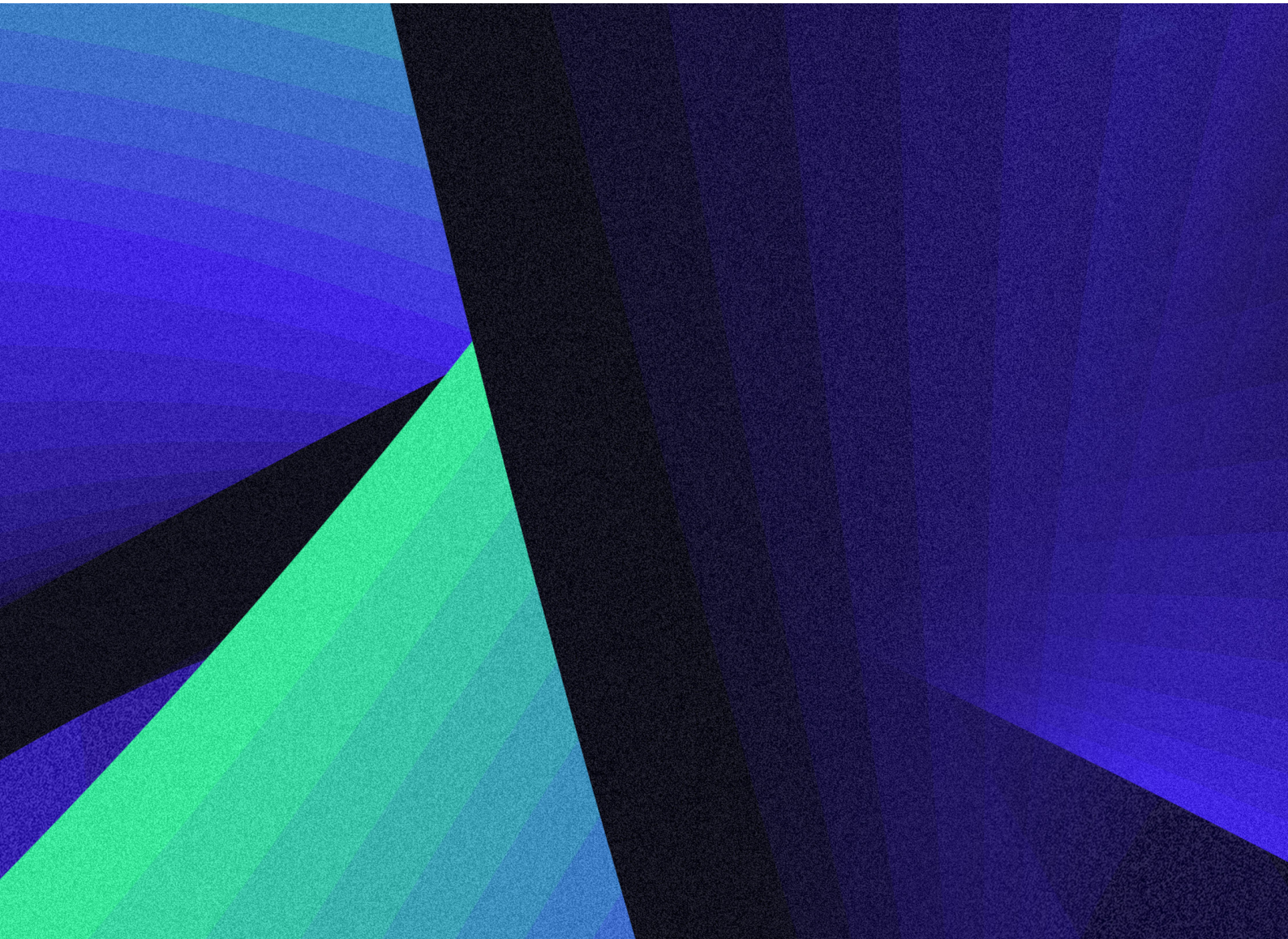# AI Developer

Trension

Who are we?

Trension is a Ghent-based and investor-backed company that builds Trendtracker, the world's first fully data-driven and AI-powered strategic intelligence platform. With our platform, we help leading international organizations to remain competitive and relevant in the world of tomorrow. By continuously monitoring worldwide news and analyzing and forecasting the industrial and societal dynamics that change our world faster than ever before, we are able to support organizations in their strategic decision-making process with insights tailored to their business environment.

Contact us

Eager to be part of our collaborative team? Seize this chance to apply and be a vital contributor to our success. Send your resume and motivation letter to info@trension.eu and let's start a conversation about your future with us.

Job Description AI Developer

In this role, you will join the data science & engineering team in Trension and be responsible for augmenting the analytical capabilities in Trendtracker, our AI-driven strategic intelligence platform.

There is only 1 KPI that matters:
Build the world's first AI-driven strategic intelligence platform that
supports decision-making in organizations.

This job opportunity requires taking ownership of and executing the following, non-exhaustive list of tasks:

- Collaborate with stakeholders to understand the goals and requirements of the AI systems that will be developed within Trension's research roadmap.
- Collect and preprocess data, ensuring its quality, completeness, and relevance to the problem at hand.
- Choose the most suitable machine learning algorithms and techniques. Train, validate, and fine-tune the models using appropriate datasets and performance metrics.
- Collaborate with the team to deploy the trained models into production environments, integrating them with existing systems or platforms. Ensure that the models are scalable, efficient, and accessible to end-users.
- Continuously monitor the performance of deployed models and adjust or update them to improve accuracy and reliability. Address any issues or bugs that arise during the system's operation.

Professional characteristics required for this job opportunity include:

- Proven track record as a researcher/developer (PhD is a plus) in the field of machine learning (NLP is a plus).
- Skilled in data preprocessing, feature selection, and feature engineering.
- In-depth knowledge of different machine learning algorithms.
- Academic level knowledge of Natural Language Processing & Information Extraction.
- Proficient experience with popular AI frameworks and libraries, Python, MongoDB, Elasticsearch, Git, RESTful APIs, ...
- A deep understanding of the domain in which Trension is operating is a plus.
- Experience with conveying complex information in a simplified manner.
- Ability to communicate fluently in English.
- Take ownership, set and prioritize goals.

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info@trension.eu