



SENIOR PYTHON / ML DEVELOPER - ANYWHERE IN THE EU

CyBourn is a Managed Detection and Response (MDR) organization with a unique approach towards servicing clients. Our Security Operations Center (SOC) combines advanced monitoring services and threat detection capabilities with best-in-class business risk assessment to provide the optimal incident response approach for every client. We integrate threat intelligence, event monitoring, security analytics and incident response, while catalyzing machine learning and automation orchestration to detect targeted cyberattacks.

Application Process:

Please send cover letter and CV to talent@CyBourn.com

Role Overview:

Your primary responsibility as a Senior Python / ML Developer will be to support the Data Scientist and the ML Engineer in the implementation of software applications that are useful to their work like web crawlers, statistical / ML modules, functions, up to complete and fully functional web applications and portals. A commitment to collaborative problem solving, sophisticated design, and product quality is essential.

Key Responsibilities

- Design, build, and maintain efficient, reusable, and reliable Python code
- Works closely with Data Scientists and ML Engineers to develop machine learning algorithms and translate those into production-level code.
- Ensure the best possible performance, quality, and responsiveness of the applications
- Identify bottlenecks and bugs, and devise solutions to these problems
- Help maintain code quality, organization, and automatization

Requirements

- Bachelor's degree in data science, applied mathematics or computer science.
- 5+ years' experience developing in Python language
- 2+ years' experience developing web applications based on the Django framework
- 2+ years' experience working with Python scientific and ML libraries like Pandas, Numpy, Scikit Learn, Tensorflow, PyCaret etc.
- Theoretical knowledge of basic ML algorithms (e.g., for classification, regression, clustering and anomaly detection).
- Deep knowledge of algorithms, data structures, OOPD, functional programming, design patterns.
- Experience with the PostgreSQL DBMS
- Experience with REST API integrations
- Ability to work independently, prioritize tasks and hit deadlines in a fast-paced work environment.
- Demonstrates good judgment, excellent planning, problem-solving, troubleshooting, management, and communication (verbal and written) skills with the ability to think strategically, act quickly, multi-task, and work collaboratively in an environment that values creativity and flexibility to make things happen. strategically, act quickly, multi-task, and work collaboratively in an environment that values creativity and flexibility to make things happen.

- Prefer experience with the Elasticsearch search engine and API.
- Working knowledge of Big Data processing platforms like Apache Spark would be an advantage.
- Working knowledge of streaming platforms like Apache Kafka would be an advantage.
- Master's degree in data science, applied mathematics or computer science preferred.