Data Scientist – Intern

Description

Moffatt & Nichol specializes in large complex waterfront infrastructure projects and is recognized as one of the worldwide leaders in this field. We are actively looking for an Intern Data Scientist to join our Valencia office.

About Moffatt & Nichol:

Moffatt & Nichol is a leading U.S.-based global infrastructure advisor specialising in the planning and design of facilities that shape and serve our coastlines, harbours, and rivers. Reflecting Moffatt & Nichol's commitment to design innovation since 1945, **Engineering News-Record (ENR) has ranked the company No. 1 in Marine and Port Facilities and among the Top 50 Designers in International Markets.**

Moffatt & Nichol's professional staff includes engineers, planners, scientists, and architects who serve our global client base from offices in Europe, the Americas, and the Pacific Rim. The firm provides clients worldwide with customised service and a level of excellence that have become the firm's hallmark in three primary practise areas—coastal, environmental, and water resources; ports and harbours; and transportation, bridges, and rail.

Duties and responsibilities:

Reasonable accommodations may be made to enable individuals with disabilities to perform these essential functions.

- Develop and implement AI-driven systems for automated data collection and real-time data processing from global maritime sources.
- Engineer dynamic geofencing algorithms to define operational boundaries of ports and improve maritime situational awareness.
- Work closely with development teams to integrate AI models into existing company platforms, ensuring robust functionality and user-centric design.
- Conduct rigorous testing and quality assurance of all systems and features, documenting results and optimizing performance.
- Prepare comprehensive project documentation and deliver presentations to stakeholders to demonstrate system capabilities and benefits.

Other duties:

Please note this job posting is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

Qualifications:

- Pursuing a degree in Computer Science, Data Science, Artificial Intelligence, or a related field.
- Demonstrated experience with programming languages such as Python or R.
- Familiarity with machine learning libraries (e.g., TensorFlow, PyTorch).

Hiring organization
Candidate-1st

Employment Type
Full-time

Beginning of employment
asap

Job Location
Valencia, ES

Working Hours
40

Base Salary
euro Career development

Date posted
May 21, 2024

- Strong analytical skills and attention to detail.
- Ability to work independently and collaboratively in a team environment.
- All new hires will be required to successfully complete and pass a pre-employment (post offer) background check in compliance with NIST 800-171

Working conditions:

Sedentary for prolonged period of time, interact with clients, and travel occasionally.

Moffatt & Nichol's EEO Statement:

As a global business, Moffatt & Nichol relies on diversity of culture and thought to deliver on our goal of Creative People, Practical Solutions® serving our client needs, and ensures nondiscrimination in all activities. We continuously seek talented, qualified employees in our world-wide operations regardless of race, color, sex/gender, including gender identity and expression, sexual orientation, pregnancy, national origin, religion, disability, age, marital status, citizen status, protected veteran status, or any other protected classification under country or local law. Moffatt & Nichol is proud to be an Equal Employment Opportunity/ Affirmative Action Employer/ Federal Contractor desiring priority referrals of all protected veterans for job openings.

If you need more information or require special assistance for persons with disabilities or limited English proficiency, please contact Human Resources at (562) 590-6500 or TTY/TDD users please call 711.

How the process will look like

Your teammates will gather all requirements within our organization. Then, once priority has been discussed, you will decide as a team on the best solutions and architecture to meet these needs. In continuous increments and continuous communication between the team and stakeholders, you're part of making data play an even more important (and understood) part withing Brand New Day.

Job Benefits

Career development