

Amadeus

Data Scientist (Internship or First Employment) (22241)

Req ID 22241 - Posted 17/03/2015 - Country (1) - Location / Office (1) - Product Management - Students (Internships, Work Experience, Grads)

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Shaping the future of travel is important to us at Amadeus. Today, with technology getting smarter by the minute, that future is more exciting than ever.

Our business success relies on our people being always passionate about what we do. We believe in aiming for excellence, taking responsibility, working together and putting our customers first.

We encourage you to be part of new and exciting projects and for you to take the lead when it comes to your progression.

Since mobility allows you and Amadeus to grow, we always look internally first when searching for candidate.

Objectives of the role and abilities to be developed:

1. To gain skills necessary in Data Science, Big Data and Travel Intelligence to complement studies in Computer Science or Telecommunications, Applied Maths, Physics, Statistics, Modelling or any other relevant Science or Engineering degree.
2. To develop the abilities and attitudes which support the personal level of maturity required to understand the gathering, processing, analysis and extraction of conclusions out of data, and to understand how to turn data into products and services. In particular, in situations with complex, high-volume, high-dimensional data coming from varying sources (Big Data). Also, for understanding data related to Travel Intelligence and the travel industry.
3. To understand, in the context of Big Data, some of the processes of:
 - o Data gathering and cleaning
 - o Data handling and processing
 - o Statistical analysis
 - o Visualisation
 - o Design and implementation of solutions
 - o Communication of results and conclusions to non-technical stakeholders
4. To understand how Travel Intelligence helps airlines and other travel industry partners to make their business smarter.
5. To develop skills in any of the following areas: Big Data analysis and processing (e.g., Hadoop), databases, web services, virtualisation, shell scripting and/or

- software development.
6. To gain an insight in how the global travel industry works and to participate in shaping the future of travel.

Requirements:

Education:

- Scientific/Engineering degree

Abilities & Skills:

- Organized
- Passionate
- Curious
- Team player

- English
- Accountability & Proactivity
- Building Relations
- Adaptability / Flexibility
- Innovation

Specific knowledge:

UNIX / LINUX. Desirable previous experience with some of the following tools:
Python / Matlab / R / SQL / Hadoop

Type of contract: Internship for students or Recent graduates (or at least in the last five years)