

Data Scientist Internship, Paris (2020)



This Internship is open for students that are currently pursuing a PhD, MS in Computer Science, Math, Statistics, Physics, Economics or other quantitative field. The start and end dates are somewhat flexible, with a minimum duration of 6 months. You will join the Innovation team under the Innovation, Research and Knowledge (IRS) directorate. You will work in collaboration with the Head of DataLab, and your missions will be as follows:

Key Missions

Analysis

- Deep dive analysis into data to uncover opportunities.
- Experimentations using data and new technologies to accelerate transitions towards achieving the Sustainable Development Goals (SDGs).
- Collaborate with data experts to learn and help “tell the story” behind the data.
- Identify areas for further investigation as well as creating innovative methods of analysis

Business Strategy

- Partnering and learning with business leadership to prioritize areas of opportunity to drive growth.
- Evaluate and define business metrics.

Business Execution

- Communicate state of the business to stakeholders.
- Digest and interpret deep dive analysis.

Decision Tools

- Democratize data by building and socializing decision tools (dashboards, reports).
- Build key data sets/pipelines to empower operational and exploratory analysis.

Requirements

- Currently pursuing a PhD, MS in Computer Science, Math, Statistics, Physics, Economics or other quantitative field.
- Experience working with large datasets using Python, or R.
- Ability to think and execute at multiple altitudes: from strategy and vision to execution.
- Interpersonal skills with demonstrated ability to influence outcomes and communicate technical content to general audiences, including ability to “story tell” with data.
- Ability to write and mentor code development in SQL and R/ Python.

- Experience with dashboard design and data viz tools (i.e. Streamlit, RShiny, Dash) is a plus.
- Experience with building data pipelines is a plus.
- Fluency in French and English is required.

Preferred Qualifications

- Currently in your penultimate year of a degree program.
- Master Degree or PhD in a relevant technical field (Mathematics, Applied Mathematics/Statistics, Machine Learning, Computer Science...);
- Ability to provide well-written reports.
- Experience developing intellectual capital such as peer-reviewed publications.
- Authorization to work in European Economic Area (EEA)

About The Job

We analyze huge sets of data and continually run live experiments in order to help drive critical decisions at Agence Française de Développement (AFD). Specifically, we support the development of innovative, highly scalable, new technologies through deep research and advanced analysis. The DataLab's mission is to accelerate transitions towards achieving the SDGs using data and new technologies.

- We believe that data and new advances in technology can help make better decisions and solve global challenges.
- We put people at the center of problem solving to promote socially inclusive solutions.
- We anticipate future trends on sustainable development investment.

Info: It is necessary to have an internship agreement from a French institution to be able to carry out your internship at AFD.

Please submit your CV in English and motivation letter.

Contact:

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