Une image contenant complet, personne, homme, habits

Description générée automatiquement

https://github.com/bricefotzo

**Github**

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**Phone:**

**Brice FOTZO**

Currently Intern **Data Scientist** with experience of **2 year and half** within the GROUP RENAULT. **Processing**, **aggregating**, **analyzing**, **plotting** data and sometimes using **machine learning** in order to **solve problems** or identify some insight for the **business users** I work with. Those skills and my experience will be available from **September 2021** and could be valuable for your **data driven** activities.

Intern Data Scientist

**Education**

**2016-2021**

**Master’s degree in engineering, ESIGELEC**

**Technical skills**

* Python, R, Scala, Pyspark, Java, C
* Bokeh, Dash, D3js
* Talend, Spotfire, Power BI, Tableau
* SQL, PL/SQL, HiveQl, MongoDB
* GCP, Heroku, AWS
* Google AI
* PHP, ReactJS HTML, CSS
* Gitlab, GitHub
* Windows & Linux
* Database administration

ECOLE SUPERIEUR D’INGENIEURS EN GENIE ELECTRIQUES

Preparing a master’s degree in engineering at ESIGELEC. **Specialization:** Big Data for the digital transformation

**Experiences**

**Molding process, GROUPE RENAULT – France, Guyancourt**

**08/2020- 10/2020**

**Topic type:** Quality optimization and cost Reduction Oriented

Reduce the non-conformity rate of molding machines. We identified machines that produced with more defects. Using machine learning, we identified the cause of those diffrents behaviors so that the business users were able to make the machines have the right behavior.

**Technical Skills:** Pyspark, Machine Learning, Spotfire, BigQuery, Jupyter Lab

**10/2019- 05/2020**

**Topic type:** Cost Reduction Oriented

**Painting process, GROUPE RENAULT – France, Guyancourt**

**Data science**

Analysis of painting process in order to define how to optimize energy consumption so that we can save money. We identified a potential gain of 150€/day in the Douai Plant.

**Technical Skills:** Python, Jupyter Lab, MACHINE LEARNING, Spotfire, BI, HiveQL

Tools: Python, HiveQL, Datalake Renault, Spotfire

* Data handling
* Data analysis
* Statistics
* Machine Learning, Deep Learning
* Data visualization

**Monitoring of accidents reporting, GROUPE RENAULT – France, Guyancourt**

**07/2019-12/2019**

Designed a dashboard to **ensure the quality** and the validity of data gathered by the HSMT (Health and Safety Management Tool). An app that handle the reporting of work-related accidents in all plants of the group).

**Technical Skills:** Spotfire, SQL, BI, Data Visualization

**Topic type:** Data Quality Oriented

**Personal Skills**

* Autonomous
* Team spirit
* Adaptability
* Curiosity

**Energy comsuption prediction, GROUPE RENAULT – France, Guyancourt**

**11/2018 – 02/2019**

**04/2019 - Present**

Designed tools for the monitoring of cycle time over assembly lines of the Bodyshop of the Douai, Cleon and Ruitz plant. Those tools allow to free operators so that they could be more productive.

**Technical Skills:** Python, Dash, Gitlab, Data Visualization, Data Analysis, Spotfire

**Time Cycle Monitoring, GROUPE RENAULT – France, Guyancourt**

**Topic type:** Cost Reduction Oriented

**Topic type:** Cost optimization

Made a Proof of Concept about improving the predictions of plant’s energy consumption in order to both reducing bills and detect abnormal consumptions.

**Technical skills:** Python, R, Bokeh, Spotfire, Machine Learning, Data Visualization

**Languages**

**Spanish - B1**

**English - B2**

**French - C2**

**Mathias OBREBSKI**

Data Scientist, GROUPE RENAULT

Data Manager, GROUPE RENAULT

**Guillaume LILLIG**

**References**