

Yannick Flores

email | yannick.flores1992@gmail.com

address | 14 rue du Marechal Joffre, 68330 Huningue, France

Phone Number | +33 6 09 07 71 78 - Driving Licence

SKILLS

PROGRAMMING

Programming language

- Python
- R

Query Language:

- SQL
- Cypher (Neo4j)

Work environment:

- GitLab
- Visual Studio Code
- RStudio
- Jupyter Notebook, Spyder

Dataviz and Reporting

- Shiny Dashboard
- Dash (plotly)
- Spotfire

Familiar:

- Linux
- AWS: Redshift, AWS Glue, DeepLens, Textract

LANGUAGE

- French : Native speaker
- English : B2/C1 Level
- German : A1 Level

COURSEWORK

GRADUATE - STATISTICS

Deep Learning

- YoloV3 (Real time object detection)

Supervised Algorithms

- Random Forest
- Gradient Boosting
- SVM
- Generalized Regression Model

Unsupervised Algorithms

- K-means

Dimensionality reduction

- PCA

Other

- Association Rules

PERSONAL PROJECT

NBA BASKETBALL ANALYSIS

From Web scrapped NBA data, perform data task: Analysis, Prediction modeling, App development.

EXPERIENCE

DATA SCIENTIST SYNGENTA, PROCESS DATA SCIENCE TEAM

Oct 2017 – Oct 2018 | Münchwilen, CH | Amaris consultant, Syngenta external employee

Oct 2018 – Present | Münchwilen, CH | Syngenta Employee

Context : Lead the Data Science initiative and support the Digital Transformation to improve Syngenta activities at the Münchwilen site.

- **Data Modeling/Analysis to support process chemists :** Project lead for data analysis and predictive modeling to leverage and handle the data captured at labs, bench pilot, and production scale. Automatic identification and quantification of chemical steps for a given process. Performing detailed analysis and providing data visualization tools to generate insights and recommendations. Be the connection between CHMU site and the Data Scientist team. The overall analysis drove to an improvement of way of working, equalling a 3 day-saving per chemist per campaign.
- **Data Analysis on freight forwarder contract :** Lead the data analysis comparing multiple freight forwarder contract proposals to support warehouse shipping activities. An accurate and concise report was produced using the last five years of shipment and contract data. This allowed the inspection and quantification of potential savings interactively. The analysis drove the selection of the most suitable contract, equalling a yearly saving of 250k CHF.
- **Data support for Site Management :** Be part of the data initiatives to support and help site management activities using data. Understand the analytic usage based on current data and help the team by providing insights and recommendations through dynamic app and reports. The overall initiative drove to an improvement of the monitoring, equalling a better understanding of business activities.
- **VizNetwork project :** Project and technical lead on a PoC using Graph DB to leverage internal data. Cleaning and integrating data from multiple sources to support, accelerate, and enhance intern professional network creation.

DATA SCIENTIST JUNIOR | DIGITAL VIRGO, DATA DEPARTMENT

Sep 2016 – Sep 2017 | Aix-en-Provence, FR

- Customer Conversion Prediction : Big Data Engineering task
- Fraud Detection model
- Churn Analysis : Clustering + Survival model

DATA SCIENTIST INTERN | DIGITAL VIRGO, DATA DEPARTMENT

Apr 2016 – Sep 2016 | Aix-en-Provence, FR

EDUCATION

MASTER DEGREE IN ECONOMETRIC, SPECIALIZED IN BIG DATA

AIX-MARSEILLE SCHOOL OF ECONOMICS - AMSE

2015 – 2016 | Aix-en-Provence, FR

HOBBIES

Basketball (Player in regional championship since 2008)

Trips : • USA (New-York, Washington DC, Boston) • Canada (Ottawa, Quebec, Montreal) • Spain • Austria • Hungary • Italy • Switzerland • Indonesia