

Gabriel Monsauret

APPRENTICE ENGINEER IN DATA PROCESSING AND STATISTICS



Notables skills

Information system

Building the architecture of an information system according to needs
Data storage and process
Database administration and management

Softwares and Technologies : Python, MySQL, SQL Server, NoSQL Talend, RStudio, PHP, XML, SQL, UML, JMerise, SAS, JPA, JPQL, VBA Excel, Access

Software Design and Web Development

Creation of stylized web pages composed of menus, submenus and a dynamic interface: HTML, CSS, PHP, JavaScript
Creation of algorithms responding to complex problems: C language
Object Oriented Programming : JAVA

Implementation of various data structures (collections, sets, dictionaries, tables ...): C language and JAVA
Linux and Windows systems

Basic concepts of Marketing, Management and Accounting

Work experiences

APPRENTICE ENGINEER IN DATA PROCESSING AND STATISTICS

City council of Lille - management control department - 59000 Lille, FRANCE

Apprenticeship contract from 14/09/20 to 13/09/23

Development of QlikView decision-making solutions to provide users (internal or external to the City of Lille) with monitoring of financial data (budgets, invoices, grants to associations, etc.) ... but also other types of data (progress of political projects, operation of the various municipal services, etc.)

ORDER PREPARER - SUMMER JOB

Vertbaudet warehouse

Interim contract from 01/07/18 to 31/08/18 and from 01/09/18 to 30/10/18 (WEEKEND)
59118 Wambrechies, FRANCE

Education

Since September 2020 **STUDYING TO BE AN ENGINEER IN DATA PROCESSING AND STATISTICS equivalent to MASTER'S DEGREE IN ENGINEERING IN DATA PROCESSING AND STATISTICS**
Polytech'Lille
Villeneuve d'Ascq, FRANCE

From 2014 to 2017 **BACCALAUREAT SCIENTIFIQUE MENTION TRES BIEN equivalent to A-LEVELS SPECIALIZED IN SCIENCE WITH HONORS**
Gustave Eiffel High School
Armentières, FRANCE

Help with decisions

Modeling and solving of decision problems : graph problems, operational research problems

Design and automation of dashboards : **Tableau software, Microsoft Power BI, Business Objects, QlikView, QlikSense, Excel**

Statistical methods

Extraction of information and modeling from observations of a statistical population : **Factorial methods (Principal Components Analysis, Multiple Correspondence Analysis) and Clustering methods (Agglomerative Hierarchical Clustering) with Rstudio**

Drafting of questionnaires for statistical surveys and study reports
Sampling a population using different statistical survey methods

APPRENTICE IN CHARGE OF DATA VISUALIZATION

Enedis - Regional office nord-pas-de-calais
59110 La Madeleine, FRANCE

Apprenticeship contract from 01/09/19 to 31/08/20

Project to monitor the energy consumption of public infrastructure in a municipality in the Lille metropolitan area with the aim of controlling this consumption
Creation of dashboards from energy data (photovoltaic production, electricity consumption, deployment of electric charging stations...) : **Microsoft Power BI**

ORDER PREPARER - SUMMER JOB

Decathlon warehouse

Interim contract from 01/05/18 to 31/05/18
59840 Lompret, FRANCE

Professional objective

Live a two or three-month professional experience abroad

Personal details

Date of birth : 02/01/99 - 23 Years old

Address : 1 Allée des Arbres, 59840 PERENCHIES, FRANCE

Mail address : gabriel.monsauret@gmail.com

Phone number : 33 6 72 63 83 95

Linkedin profile :

<https://www.linkedin.com/in/gabriel-monsauret-a792b71a6>

Driving license

University projects

Statistical survey carried out on a population (all the students of my school) then processing of answers (Google Form) and presentation of an analysis report

Cleaning of the road accident database in France (data from government open data for 2018) development of a web interface presenting the elements of the statistical analysis report

Creation of an algorithm in C language, allowing the solving of a complex graph problem : shortest path

Programming of a game simulation of the Monopoly type using object-oriented programming (JAVA)

Development of a web solution allowing the management of registrations to various fictitious sporting events (UML, HTML, PHP, CSS)

Languages

ENGLISH : B1

SPANISH : A2

FRENCH : mother tongue

Interests and activities

Football (4 years) at Prêmesques Football Club Licensed at the French Football Federation from 2005 to 2007 and from 2015 to 2017
Championships and Tournaments

Table Tennis (1 year) Club of Pérenchies - Licensed in the French Table Tennis Federation from 2014 to 2015 : Team championship matches