I.T. Student

59300, Aulnoy-Les-Valenciennes

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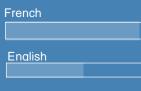
Site Portfolio: https://moustapha-ba.live/

Moustapha BA

HARD SKILLS

- Programming
  - o Web front: HTML / CSS / JSFramework
  - o Backend: PHP
  - o Procedural programming: C/C++, Python
  - o Object-oriented programming :
    - C# / DotNet Framework
    - Java / SpringBoot
  - o Database : MySQL / Oracle / PostgreSQL
- Linux
  - o Ubuntu Server / Debian
- Web services
  - o WebSockets : UDP / TCP
- Source version Control
  - o GitHub / Azure Devops
- Data modeling tools
  - o Talend / BigQuery / Looker / PowerBI
  - o UML / LookML
- Network
  - o Embedded architecture : IoT / Arduino
  - o CCNA Security

SOFT SKILLS

- Autonomy
- Adaptability
- Curious
- Calm
- Organized

LANGUAGES

French

English

Professionnal experiences

DATA ANALYST

Potions (France) | 2023 February - 2023 June (12 weeks)

- Create additional steps in a Dataform data transformation workflow on BigQuery
- Model data using Dataform, BigQuery, and Looker tools
- Develop Looker visualization interfaces to share insights

SENIOR CELLULAR RADIO TECHNICIAN

Orange - Sonatel (Senegal) | February 2019- February 2021

- Analyze technical problems of 3G and 4G sites with quality of service (QoS) alerts
- Monitore and manage inconsistencies in the logical configuration of the radio access network
- Report the QoS of the radio access network, including period of exceptional events

Extracurricular experiences

- Grape harvesting
- Restaurant crew member

Education

INSA Hauts-De-France, Valenciennes | 2023-2025

Master level 1 and 2: Computer Science, New technologies for decision-making information systems specialty

- Artificial Intelligence (AI)
- Operational Research (OR)
- General IT
- Network & Security

CESI School of Engineer, Reims | 2022 – 2023

Third (3rd) year, Computer science

- Algorithmic, Information System, data analytics
- Many IT team projects

Hobbies and Interests

- Computer magazines
- Specialized press
- Sign language