

# MELILI ISMAIL

@ melili.ismail94@gmail.com

+32-465-791-012

Brussels, Belgium

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in in/ismail-melili/

## EDUCATION

Engineer's degree

**ENSIAS -National Grad School of Computer Science and System Analysis**

📅 Sep 2015 – Jul 2018

📍 Rabat, Morocco

- Major: Software Engineer

Associate degree

**CPGE -Preparatory Classes for Engineering School**

📅 Sep 2012 – Jun 2015

📍 Agadir, Morocco

- Major: Associate degree in Mathematics and Physics

Baccalaureate

**Youssef Ben Tachafine High School**

📅 Jun 2012

📍 Agadir, Morocco

- Major: Bachelor of Mathematics -B-

## EXPERIENCES

Data Analyst/Engineer Consultant

**Capgemini**

📅 Apr 2022 – Current

📍 Brussels, Belgium

- **Assignements:**
- Implement the functionalities present in the legacy system, previously built on SAS, now leveraging Azure services in conjunction with the Power Platform
- Benchmarking and list promoting data catalogue solution (LinkedIn datahub,Apache Atlas,Microsoft Purview).
- Create a High-level plan for the implementation of a Data catalog PoC.
- Setup and analyze Microsoft Purview (Microsoft Data catalog).
- Integrate Azure Data factory, Synapse, Blob storage, SQL with Purview.
- Develop a Proof of Concept on Microsoft Purview.
- Create dashboards on Power Bi of T services and Becris.
- Develop a PoC on databricks with PBI.
- **Technologies:** Docker,Azure Microsoft Purview,Azure SQL DB,Azure Data Factory,Azure blob storage,Azure Functions,Power BI, Python,Databricks.

Data Analyst/Engineer Consultant

**Maltem Consulting Group**

📅 Oct 2021 – Apr 2022

📍 Brussels, Belgium

- **Assignements:**
- Setting up the strategy and Data governance.
- Creation of architectures and Data roadmaps.
- Development of data pipelines with the latest technologies.
- Implementation of BI tools necessary for data exploitation needs.
- Web Scraping of data from different sources.
- **Technologies:** SQL Server,Python,Power BI.

## PROJECTS

**Predictive model of churn**

- Tools: SAS Programming,Python

**Reputation search engine inside social media**

- Tools:Spark,Kafka, Zookeeper, Node.js, D3.js, MongoDB

**File Host**

- Tools: Java EE, Spring, Hibernate

**Generate a changed model and create graphics editors of grafcet and State .**

- Tools: MDE :EMF,Plugin:xttext,Sirius,Epsilon

## CERTIFICATIONS

- Azure Data Engineer Associate (DP-203)
- AWS Cloud Technical Essentials (AWS)
- Analyzing data with Power BI
- IBM WATSONX.AI
- Advanced Python (itS)
- Qlikview Business Analysis (Orange)
- Big Data Developer Mastery Award(IBM)
- SAS BASIC PROGRAMMING (SAS)
- Scrum Fundamentals Certified (ScrumStudy)
- Certification Tableau Desktop Data Science (Tableau)

## SKILLS

**Programming Languages:**

C, C++,Python,Scala,SAS Programming,Java,Java EE,JavaScript/HTML/CSS, SQL,SQL Server,Spark.

**Experienced Technologies:**

Intellij, Tableau Desktop,Power BI, QlikView, SAS Guide, DjangoRest,FlaskAPI.

**Languages:**

- **English:** advanced
- **French:** fluent
- **Dutch:** elementary (A2)
- **Arabic:** mother tongue
- **Tamazight:** mother tongue

## ACTIVITIES

- Sport
- Trip
- Research
- Participation in capathon 2022.
- Sports Chief -ENSIAS Olympic games V3.0

## Data Analyst/Engineer

### Orange Business Services

📅 Oct 2020 – Sep 2021

📍 Rabat, Morocco

- **Assignements:**
  - Supporting the Digital Transformation Automation of activities of Capacity Management and Quality of services by creating dashboards and implementing data pipelines from data sources and create data cubes in the big data lake (EDH).
  - Supporting Network Service Optimization processes and associated implementations.
  - Supporting the monthly Business Review presentations focusing on the actuals vs. budget evolution, identify anomalies, analyze historical trends and traffic mix evolutions.
  - **Technologies:** Cloudera(HDP),Hdfs,Hive,Python,SQL,Scala,Spark, QlikView,QlikSense,Tableau,Power BI,Talend open studio for data integration,GCP(Google Cloud Platform).
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## Data Analyst

### inwi

📅 Aug 2018 – Sep 2020

📍 Casablanca, Morocco

- inwi is a telecom provider.
- **Assignements:**
- Reporting / Data visualization.
- Automation of database generation Campaign Customers.
- Business Uses Development.
- Identification and Targeting of customers.
- Segmentation of the customer bases.
- Follow-up of the development of the solution analytical MVIVA.
- **Technologies:** SAS Programming,SQL,Python,Tableau Desktop.