

ANAS CHARFI

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ERP-BI Engineer

SUMMARY

Obsessed with the world of Data, self-directed and driven Senior Enterprise Resources Planning and Business Intelligence Engineering student with enthusiasm for development.

SKILLS

Softwares

Power BI, Microsoft SQLServer, SSMS, SSIS, SSRS, SSAS, Talend, Excel, Power Point, Photoshop.

ERP

SAP ABAP, SAP BW 4/HANA

Framework

Flask, Angular, Spring.

Web Service

REST, GraphQL.

Tools

Eclipse, Visual Studio Code, Slack, Teams, Skype, IntelliJ IDEA, Kibana.

TDD

Sonar, Jenkins, Selenium, JUnit, Swagger, Postman.

Versionning

Git, Gitlab, Fork.

Programming languages

Python, R, Java, HTML5, CSS3, TypeScript.

Database

ElasticSearch, MongoDB, SQL Server, MYSQL, PostgreSQL, Hadoop.

Libraries

Numpy, Pandas, Scikit-learn, Tkinter, TensorFlow, Socket.IO, HighCharts, NPM, PIP, PySpark.

Platforms

Node.js, ExpressJS, JPA, Tomcat.

Approach and Methodology

SCRUM, Kanban, CRISP-DM, TDSP, GIMSI, Kimball, Inmon.

DevOps and Cloud

Docker, docker-compose, Nexus, Grafana, Microsoft Azure.

Operating systems

Windows, Linux, Cloudera.

PROFESSIONAL EXPERIENCE

01/07/2022 - 01/09/2022 Data Analyst Intern

Esprit Tech

Project background: Researched and developed a solution to facilitate data preprocessing for machine learning R&D team projects. and minimize the time that this phase consumes.

Achievements :

- Developed a Machine Learning cross-platform CLI to help users make the ETL for data without writing a single line of code.
- Machine learning algorithms and tests was implemented to help the user with finding the right algorithm that will fit his new data.

Environment: Python, Numpy, Pandas, Scikit-learn, SQL, Cleaning and Data Pre-processing, KNN, TDSP.

01/08/2021 - 15/09/2021 Data Scientist and Web Developer intern

QoS Design Tunisia

Project background: Building a prototype web application to collect and apply natural language processing on promotional offers published on social networks by online shops and centralize their promo codes on a single platform.

Achievements :

- Provided a solution that helps users get categorized most known online shops last promotions.
- Successfully tracked available promo codes by date and analyzed promotions when they exists only on some of the physical stores.

Environment: Python, Flask, SQL, Angular, NodeJS, Sentimental Analysis, RestAPI, Web Scraping, Open Source Tools, SCRUM, Teamwork.

01/02/2020 - 01/08/2020 Data Scientist and Web Developer intern

Digital Research Technologies 'DRT'

Project background: Researched and developed a solution dedicated to social media big fishes influencers whom are aiming more growth based on statistics and NLP, and companies whom willing to retain their customers and to promote their services and products collaborating with the best match of influencers with their digital goals to provide them the best results based on analysis.

Achievements :

- Developed a web front-office dedicated to company marketers where they find categorized influencers who match company activities, targeted marketing location and audience.
- Built a second front-office for influencers where they can track their accounts evolution, best posts, followers opinions and sentiments.

Environment : Agile SCRUM, Python, NumPy, Pandas, Flask, MongoDB, Angular, NodeJS, Sentimental Analysis, Statistics, Charts, RestAPI, Web Scraping, SCRUM, Teamwork.

PROJECTS

02/2022 - 06/2022

Web platform with 'BI' Dashboard

- Created data warehouse, dashboard and KPIs for insurance to help it retain its customers and distributors.

Environment: Power BI, Talend, Python, Pandas, NumPy, Classification, Recommendation System, PostgreSQL, R Language, Statistics, Charts, Angular, NodeJS, ExpressJS, Teamwork.

03/2021 - 06/2021

Investment Decision Support Platform

- Predict future stock prices of large companies based on older collected prices.

Environment: RNN, LSTM, TensorFlow 2.x, Keras, Python, Flask, MongoDB, Angular, SpringBoot, Statistics, Charts, Teamwork.

01/2021 - 03/2021

Desktop Application for Repository Management and Control for Amazon LLC Germany

- Real-time monitoring packages, employees, and vehicles destined for a specific location, filtering functions, time calculation and priorities.

Environment: Receive and clean data from Amazon servers, Python, Numpy, Pandas, Tkinter.

FORMATIONS

2022 - progress

Data Analyst Professional Certificate

Google

2022 - progress

Data Science Professional Certificate

IBM

2020 - 2023

Information Technologies Engineer

Private Higher School of Engineering and Technology 'ESPRIT'

Specialized in Enterprise Resource Planning and Business Intelligence: **ERP-BI**

2017 - 2020

Computer Science Licence

Higher Institute of Computer Science 'ISIMa'

LANGUAGES

Anglais

Français

ORGANIZATIONS AND CLUBS

- Organizer at **Google Developers Group Monastir**
- Former **Mentor, Founder/ Leader** at **Google Developers Students Club ISIMa**
- Former **Marketing Strategist** at **Google Developers Students Club Esprit**
- Former **Logistics Manager** at **EventUs Club ISIMa**