Lina Ben Salem
Software engineer - AI Apprentice

🏠 Menzah 5
Ariana - Tunis

👑 27.06.1991

📞 58101391
linabensalem91@gmail.com

GITHUB

🐙 lina2761991

in http://linkedin.com/in/lina-ben-salem-14aa2588/

🌐 http://lina2761991.github.io/

EDUCATION

Pristini University
Master's Degree in Data Science, AI & Healthtech

International Multidisciplinary School (EPI)
National Diploma of Software Engineering

Preparatory Institute of Engineering Studies - Nabeul(IPEIN)
Preparatory Class Physics- Chemistry

EXPERIENCE

01.2023
Instadeep
AI Apprentice
- **Project:**
CHO: Olive Oil Production and Price Prediction
A dashboard to generate and display results prediction of olive oil production and the prices of Extra-virgin olive oil. It also allows you to visualize the data available in previous years, both for production and prices.
***Environment**: Dash, Plotly, Flask, Anaconda, Sklearn, pandas, numpy, hydra, Catboost, Xgboost, Optuna, python, beautifulsoup scipy, black, isort,flake8, Gitlab*

07.2020 - 04.2021
BTK - Banque Tuniso-kuweïtienne
Software Engineer
- **Projects: BTK Recouvrement - Applications Internes - LCR**
***Environment**: JBoss, JSF, XHTML/CSS3, Eclipse, MySQL, Java 7/8, Bootsfaces, Primefaces, Wildfly*

01.2020 - 06.2020
APP4MOB
Intern - Web Development
***Project**: Tlibra*
***Description:** Development of a "white label dashboard" that manages monetary transactions carried out by a mobile application*
***Environment**: React/Redux, Html5/css3, Rest Web Service, Github, Jira*

02.2019 - 06.2019
EPI
End of Study Project - TuniPaw
***Description:** Development of a platform for animals that concerns veterinarians, associations, pet owners, and lost animals*
***Environment:** Bootstrap, HTML5/CSS3, Javascript, JQuery, Symfony3*

ACADEMIC EXPERIENCE

01.2023 - Present
- **Project:** *Diabetes Prediction*
Description:
A machine learning project that is meant to predict whether or not a person will have diabetes using different machine learning algorithms
Environment: *Django, Python, Seaborn, Pandas, Matplotlib, Sklearn*

- **Project: School** *Management System*
Description: *This is a Java mini project that was done as an application to what we studied in class, you can find below the requirements file*
Environment: *Java*

- **Project:** *University Management System*
Description: *This is a project that was done as a command line app. It's a university management system mostly done in SQL and I used Python to see the whole scenario on the terminal.*
Environment: *python3, xampp and MySQL*

PERSONAL PROJECTS

- **Bike Share:** *It shows how do casual riders differ from annual members using past user data and report the findings as a final project for the* **"Google Data Analysis Certificate"**
- **Project Investigating Netflix Movies and Guest Stars in The Office:**
Analyze Netflix's movie and series dataset to investigate the trend in the average duration of movies over time. By leveraging data manipulation and analysis skills, to validate or refute the hypothesis that the average duration of movies on Netflix has been declining.
- **Titanic** *(Kaggle)*
- **House Pricing Prediction** *(Kaggle)*
- **MNIST** *(Kaggle)*

SKILLS

✔ **Programming:** *Python, R, Javascript/ES6, Java, HTML5 /CSS3, XHTML, JQuery*

✔ **Databases:** *MySQL, MongoDB*

✔ **Frameworks/Libraries:** *Numpy, Pandas, Sklearn, Matplotlib, Symfony, Bootstrap, Express, React, Redux, Java EE, Node*

✔ **IDEs:** *Rstudio, PowerBI, Excel, Codeblocks, Netbeans, StarUML, JCreator, Android Studio, VSCode, Eclipse, SQL Developer*

CERTFICATIONS

- **Software Engineering (Coursera & Datacamp & Go My Code)**
Algorithmic Toolbox
Design Patterns
Python for Everybody
Introduction to Version Control with Git
Full-Stack Javascript Program (MERN)
- **Bio (Coursera)**
Fundamentals of Immunology
- **Data Science (Coursera & Datacamp & kaggle)**
Introduction to Data Science in Python
Pandas
Data Cleaning
AI For Everyone
ML Specialization
DL Specialization
- **Data Analysis (Coursera & Datacamp)**
Google Data Analytics
Reporting with R Markdown
Data Transformation in Power BI
Data Preparation in Power BI
Data Modeling in Power BI
Introduction to DAX in Power BI