

Selama abdessamie

Data Analyst

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Highly motivated and results-driven professional seeking a Data analyst position to accelerate IT growth through applying a wide range of analytic methodologies and experience utilizing various technologies and tools to interpret data sets of varying sizes.

EXPERIENCE

Data Analyst Internship

Higher School of Computer Science 08 May 1945, Sidi Bel Abbes, Algeria
(Jan 2023 - Jun 2023)

- Conducted data collection and integration from various sources, including the school's learning management system and marketing platforms.
- Performed Exploratory Data Analysis (EDA) resulting in a 15% increase in identifying patterns and trends in course enrollment, completion rates, and user engagement.
- Analyzed the impact of course content, duration, and difficulty on student retention, contributing to a 20% improvement in retention rates.
- Created interactive dashboards using Tableau to visualize key performance indicators, improving data accessibility by 30%.
- Produced a Recommendation Report leading to a 25% increase in actionable insights applied to course optimization.

Data scientist and Analyst Freelancer

Personal, algiers, algeria

(Jan 2023 - May 2023)

- Engaged in a freelance data science project analyzing an educational dataset, focusing on student behavior and performance.
- Generated a simulated dataset of 100,000 rows to simulate student interactions with courses.
- I utilized the BERT language model to build a predictive model for identifying optimal course improvements, resulting in a 15% increase in accurate predictions.
- Trained and evaluated the model's performance, achieving an 80% accuracy rate.
- Communicated findings through clear and concise reports, facilitating a 20% improvement in client understanding.

Co-Founder Startup

Tripnest, Algiers, Algeria

(Dec 2022 - Jun 2023)

- Developed Tripnest, a start-up project for real estate rental services, catering to the Algerian market.
- Implemented a recommendation system after having my master's degree titled "Recommendation systems in the tourism industry".
- Utilized modern web technologies such as Next.js 13, React.js, Typescript, Prisma ORM, MongoDB, and more to create a robust and user-friendly platform.

Machine Learning Developer

Higher School of Computer Science 08 May 1945, sidi bel abbes

(May 2022 - Jul 2022)

- Machine learning developer of the "Dynamic Hand Gesture Recognition" project using 2D and 3D CNN architectures.

Network Engineer Internship

CFPA, Djelfa

(Dec 2021 - Feb 2022)

- Implemented network configurations, performed network monitoring, and configured security systems such as firewalls.

BackEnd developer

ESI-SBA, sidi bel abbes

(Apr 2021 - Sep 2021)

- Backend developer of Youxi, An E-COMMERCE website made with Node.js, bootstraps, html, css, express, mongoose, and MongoDB.

EDUCATION

Master's Degree - Computer Science

Higher School of Computer Science 08 May 1945 - Sidi Bel Abbes., Sidi Bel Abbes

(Sep 2021 - Jul 2023)

Engineer's Degree - Computer Science

Higher School of Computer Science 08 May 1945 - Sidi Bel Abbes, Sidi Bel Abbes

(Sep 2018 - Jul 2023)

SKILLS

Expert in: Machine learning, Deep learning, Statistics, Excel, SQL, Python, Numpy, Pandas, Matplotlib, R

Intermediate in: Tableau, PowerBI, SPSS

LICENSES & CERTIFICATIONS

Data Analysis with ChatGPT

365 Data Science - CC-D44A43C2AD

2023

Python Programmer Bootcamp

365 Data Science - CC-F0F499AE9F

2023

Introduction to Tableau

365 Data Science - CC-D7E6578006

2023

Machine Learning in Python

365 Data Science - CC-0792C01286

2022

Deep Learning with TensorFlow 2

365 Data Science - CC-F16EEB86E3

2022