CONTACT

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0547674677

PROGRAMMING LANGUAGES

Python

SQL

R

Matlab

C

SKILLS

Machine Learning

Statistical Analysis

Predictive Analysis

NLP

Data Modeling

AWS

Deep Learning

Communication

LANGUAGES

Hebrew

English

French

SARAH KAMOUN SDIKA

https://www.linkedin.com/in/sarah-kamoun-sdika/

DATA SCIENTIST

Engineer with Technion B.Sc., seeking a data position.
Highly motivated, independent, and fast learner, with excellent analytical and communication skills.

EDUCATION

2023 – Data Scientist Certification – Bar-Ilan University - *260 hours, 91% GPA*
Supervised and Unsupervised learning. Statistics and Probabilities.
Data extraction, analysis, visualization, cleansing and preprocessing.
Machine Learning algorithms and predictive modeling for Classification and Regression (Random Forest, KNN, Decision tree, ADABoost, GBM, SVM…)
Text Analysis. Cluster Analysis, Neural Networks, PCA. Identifying trends and patterns.
SQL complex queries for large datasets. Projects on Kaggle.
Python libraries (Pandas, NumPy, Matplotlib, Sklearn, Keras)

2017 – B.Sc. in Mechanical Engineering - Technion
Strong foundation in Physics, Mathematics, Statistics, Programming and Mechanics.
- Best Poster Award, 6th conference on Propulsion technologies for UAV
- Dean Excellence Award (Semester)

2024 – Learn the A to Z of Amazon Web Services (AWS) – Educative
2024 – Machine Learning: NLP In Python – Udemy
2024 – ChatGPT Prompt Engineering for Developers – DeepLearning.AI
2023 – Python Bootcamp – Udemy
2022 – Data Science Introduction course – IBM
2022 – Agile Project Management course – Google

EXPERIENCE

2023 – Data Science Predictive analysis at Freesens
Actionable Sales Analysis for a growing cosmetic company, addressing real-world challenges, as part of BIU Data Science Course.
Understanding of business issues using data from the company proprietary, together with government databases. Data visualization, cleansing, feature engineering, model selection and fine tuning to generate valuable predictions, then providing meaningful insights for the company, contributing to strategic decision-making processes.

2022-2023 – R&D Mechanical Engineer at Twine - Start-up

2017-2022 – R&D Mechanical Engineer at HP - Indigo Division
Managing multiple systems from concept to release. Planning, executing, and evaluating project activities according to timelines and budgets.
Working in multidisciplinary environment. Collaborating closely with suppliers as well as cross-functional teams: operation, manufacturing, service, system, and integration.

2008-2010 – Full military service as Intelligence, Navigation and Debriefing NCO (non-commissioned officer), Air Force. GIS certification.