

CONTACT

sarahkamoun@outlook.com

0547674677

PROGRAMMING LANGUAGES

C

Python

R

SQL

Matlab

SKILLS

Data Visualization

Data Wrangling

Predictive Analysis

Statistics and Probabilities

Cluster Analysis

LANGUAGES

Hebrew

English

French

SARAH KAMOUN SDIKA

PYTHON DEVELOPER

Data Scientist with Technion B.Sc. in Engineering, seeking a software / data position. Highly motivated, independent, and fast learner, with excellent analytical and communication skills.

DATA SCIENCE PROJECT

Actionable Sales Analysis for a cosmetic growing company, addressing real-world challenges, as part as Data Science Course.

Understanding of business issues using data from the company proprietary, together with government databases. Data visualization, cleansing and model selection to generate valuable Predictions, then providing actionable insights for the company.

EDUCATION

2023 – Data Scientist Certification – Bar-Ilan University

Exploratory Data Analysis and Data Wrangling (Pandas, NumPy, Matplotlib)

Machine Learning and Statistic models selection and development for Classification and Regression (Random Forest, KNN, Decision tree, ADABOOST, GBM, SVM...)

Statistics and Probabilities. Text Analysis.

Unsupervised learning - Cluster Analysis, Neural Networks, Network Analysis

SQL complex queries for large datasets

Projects on Kaggle in R and Python

2023 – Python Bootcamp – Udemy

2022 – Data Science Introduction course – IBM

2022 – Agile Project Management course – Google

2017 – B.Sc. in Mechanical Engineering - Technion

Strong foundation in physics, Statistics, mechanics, and 3D CAD design tools.

- Best Poster Award, 6th conference on Propulsion technologies for UAV

- Dean Excellence Award (Semester)

2009 – Amit Renanim high school graduation (Raanana), trend in Physics Mathematics, English and French, 5 units each.

EXPERIENCE

2022 – R&D Mechanical Engineer at Twine (Start-up), Workgroup leader

2017– 2022 – R&D Mechanical Engineer at HP Indigo

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 various departments in the company: operation, manufacturing, service, system, and integration.

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