

CONTACT

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PROGRAMMING
LANGUAGES

Python
SQL
R
Matlab
C

SKILLS

Machine Learning
NLP
Deep Learning
Statistical Analysis
Data Wrangling
Databases Management
Data Visualization
Communication

LANGUAGES

Hebrew
English
French

SARAH KAMOUN SDIKA

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

DATA SCIENTIST

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

EDUCATION

- 2024 – Machine Learning: NLP In Python – Udemy**
- 2023 – Data Scientist Certification – Bar-Ilan University - 260 hours, 91% GPA**
EDA 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, Mathematics, Statistics, Programming and Mechanics.
- 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

- 2023 – Data Science Project at Freesens**
Actionable Sales Analysis for a growing cosmetic 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, feature engineering, model selection and fine tuning to generate valuable predictions, then providing actionable insights for the company.
- 2022-2023 – R&D Mechanical Engineer at Twine (Start-up)**
- 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.**