

Sergei Dakov

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[Github.com/SergDak](https://github.com/SergDak)

GENERAL

Statistician and Data Scientist, with BSc from Tel Aviv University. I am familiar with both model selection and construction, as well as visualization and presentation of data. I am familiar with most modern machine learning algorithms (regression, decision trees, boosting, network analysis)

I pride myself on having a creative approach and desire to see a problem through to resolution. I am looking for a position which will allow me to apply my skills while offering further opportunities for growth

EDUCATION

2008-2010 High school,
Yoana Jabotinski (Physics
and computer science
major)

2012-2013 BSc in Physics,
Tel Aviv University
(Incomplete)

2013-2014 Marker Training
(Animal training and
behavioral treatment,
Course)

2019-2023 BSc in statistics
and operations research,
Tel Aviv University

KEY SKILLS

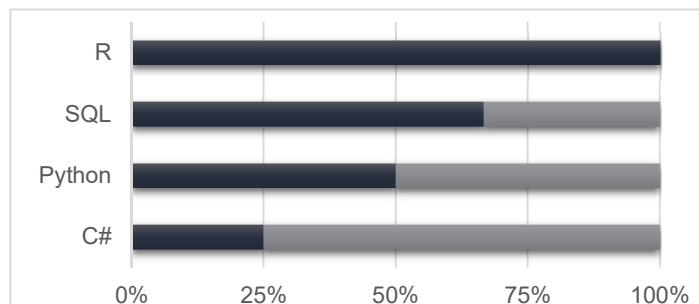
Model Construction
Model Selection
Data Visualization
Data Wrangling
Exploratory Data Analysis
Statistical Inference
Problem Solving
Teamwork

RELEVANT EMPLOYMENT EXPERIENCE

2015: Origin GPS – Quality Control

- Verifying quality and signal strength of GPS modules using multiple methodologies and devices

PROGRAMING LANGUAGES



TOOLS AND LIBRARIES

General:

Regression
Decision Trees
Boosting
Neural networks
Docker

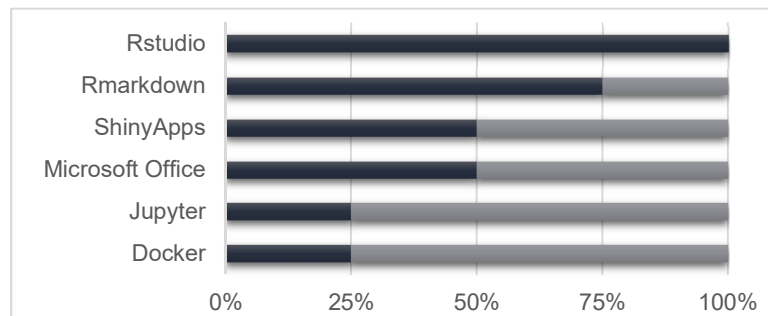
R:

XGBoost
GGPlot
Tidyverse
ShinyApps
Rmarkdown

Python:

Pandas
Networkx
TensorFlow
Keras
Jupyter

ENVIRONMENTS



VOLUNTEER WORK

2011-2017: **Rishon Loves Animals** – Adoption Consultant, Adoption Day Manager, Dog Trainer (Volunteer)

- Onboarding new dogs, assisting with stress and environment management
- Identifying visitors' needs and challenges.
- Matchmaking would be adopters with dogs.
- Filing paperwork for adoption, owners' license, etc.
- Resolving behavioral issues in dogs
- Basic Obedience Training

COMMUNICATION

Language Proficiency:

Hebrew: Native
English: Fluent
Russian: Fluent
Japanese: Basic
Bulgarian: Basic