

# GAL HEVER

## DATA SCIENTIST

M.Sc in Data Science | 6 years of hands-on experience | 8200 Alumna  
Looking for my next challenge in the field of data science and LLM-based methods

### CONTACT

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[LinkedIn](#) | [Github](#) | [Medium](#)

### SKILLS

Programming: **Python**

Frameworks & Libraries: **Transformers, Pytorch, Tensorflow, Scikit-Learn, Shapely, Flask, SQLAlchemy, NeMo, Dash, Streamlit**

Models: **LightGBM, XGBoost, CatBoost, CTC QuartzNet, Auditory LLMs: Wav2Vec, XLSR-53**

Cloud: **AWS: S3, Lambda Container, SageMaker**

Database: **PostgreSQL, MSSQL**

Source Control: **Git**

### EDUCATION

#### M.Sc in Data Science

**Ben-Gurion University**

2017

Fast track program for excelling students for M.Sc in Data Science, Industrial Engineering Dept

#### B.Sc. in Industrial Engineering

**Ben-Gurion University**

2016

Magna cum laude

### PROFESSIONAL EXPERIENCE

2022-2024: **Algorithm Developer | Rafael**

- Designed and developed a custom solution of spatial-temporal clustering for object detection from research to deployment. Worked closely with the customer to identify needs and define the business problem (**QGIS, DBSCAN, K-MEANS, Airflow, Docker, LightGBM, XGBoost, CatBoost**).
- Built UI data apps for algorithm performance evaluation and data analysis for dataset initial investigation (**Dash, Plotly, Streamlit**).
- Implemented speaker verification solution and built a pilot system on customer datasets (**WavLM, Ecapa TDNN, TitaNet**).

2021-2022: **Chief Data Officer | Relyon**

- Managed a team of 3 to implement the first milestones of a **wakeword detection** model for a voice-based application for personal security and emergency cases (**AWS Sagemaker, Lambda Function, Step Functions, MWAA, Tensorflow-Lite**).
- The team was selected in a competitive process to participate in the exclusive accelerator MassChallenge U.S. for early-stage startups.
- Wrote the technical part of the CFP for the women founder incentive program of the Israel Innovation Authority, and pitched to a panel of judges, which awarded the company its initial investment.

2019-2021: **Data Scientist | VisionMap**

- Implemented a neural sentiment analyzer for spoken language (**LSTM, CNN, PyTorch**).
- Built a POC footsteps classifier to identify the number of people in a room based on signal classification (**MFCC, TensorFlow 2.0**).
- Conducted speech-to-text latest trends research, including auditory LLMs (**SSL, SpecAugment, Wav2Vec, XLSR-53, QuartzNet, Jasper, CTC, Transformers**).

2019-2024: **DataNights Founder | DataHack & Baot (promoting women and underrepresented groups in Data Science)**

- Co-founded DataNights, a program dedicated to supporting diversity in the AI community in Israel.
- Managed a team of 8, running over 20 professional courses in Data Science and Machine Learning, from writing the syllabus to supervising logistics.
- Gave tech lectures, participated in panels, and conducted live coding workshops.
- Organized and presented at CodeFest 2024, a Microsoft-sponsored AI conference.

2015-2017: **Teaching Assistant | Ben-Gurion University**

- Department of Industrial Engineering & Management

2016-2018: **Tech7Juniors Co-Founder | Tech7 (exposing youth to technology and AI in rural Israel)**

- Co-founded the Entrepreneurial Community in the Negev for youth, which contributed to positioning Be'er Sheva as an international player in tech innovation.
- Built and cultivated a cohesive team of 4 employees to organize and run technological courses, professional meetups, conferences, and hackathons.
- Raised funding for the Association from the Canadian-Jewish community.

2008-2010: **Business Intelligence Analyst | IDF Intelligence Unit – 8200**