

Dvir Cohen

SENIOR DATA SCIENTIST

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Summary

Senior Data Scientist with 8 years of experience and an MSc in Software Engineering from Ben Gurion University, specializing in NLP. In the past three years at Wix, I led ML and AI projects from research to application, including developing the Wix Chatbot and various generative AI applications. In my previous roles, I designed impactful ML and AI solutions and published several research papers in top conferences. I am passionate about leveraging AI to drive innovation and deliver value, and I am seeking a challenging role to continue this journey.

Education

2018 - 2020

MSc. in Software and Information Systems Engineering

Ben Gurion University

2014 - 2018

BSc. in Computer Science

Ben Gurion University

Professional Experience

2021 - Present

Data Science Tech Lead | Wix

- Initiated and led the research of the Wix AI Chatbot, both the classic NLP based model and later the multi-agent LLM based model.
- Led various generative AI projects, working with different LLMs, fine-tuning open-source models, and exploring innovative AI applications.
- Providing expert advice and training to various teams within the organization, fostering a deeper understanding and appreciation for the potential of generative AI technologies.

2020 - 2021

Senior Data Scientist | Explorium.ai

- Created end-to-end ML solutions for both in-house use and Explorium's customers.
- Responsible for the entire product pipeline: exploratory analysis, feature engineering, algorithm development, evaluation, and customer feedback.
- Successfully executed several ML POCs, resulting in over \$500,000 increase in ARR.

2016 - 2020

Data Scientist and Researcher | Deutsche Telekom Innovation Labs

- Designed multiple big data solutions for telecom security-fraud analytics. Collected, studied, and interpreted large datasets, and generated reports.
- Experienced in technologies and algorithms in NLP, recommender systems, transfer learning, and more.
- **Published several papers in top conferences and journals** [[Google Scholar](#)]

skills

- | | |
|---|---|
|  Python (Pandas, numpy, sklearn etc.) |  NLP and LLMs (Classic NLP, Transformers, Fine-tuning) |
|  Deep learning (Pytorch) |  Data analytics and visualization (Tableau, Streamlit) |