

Yonatan Sabag

+972-52-480-3889

yonatansabag@gmail.comwww.linkedin.com/in/yonatan-sabag

Fourth-year Data Science and Engineering student at Technion, with proven experience designing and deploying scalable machine learning systems. Passionate about leveraging data-driven solutions to solve complex problems. Seeking a full-time entry-level position to contribute my skills and grow within a dynamic team.

Education

BSc. Data Science and Engineering [GPA: 84.2]

Technion - Israel Institute of Technology - 2020-Present

- Projects:
 - **LinkedIn Learning Recommendation Engine:** Utilized web scraping to gather LinkedIn Learning course data and user profiles. Leveraged Google Gemini to create a personalized course recommendation system based on user interests and existing skills.
 - **Voice-Based Sentiment Journal:** Created an app using OpenAI-Whisper for speech-to-text and sentiment analysis model to track emotional well-being, with Gemini-generated insights and self-improvement suggestions.
- Awards:
 - Dean's Honor List - 2024

Coursera Deep Learning Specialization ([link](#))

Experience

Data Science Student Intern, Rafael Advanced Defense Systems

Machon David, Israel — 2023-present

- **LLM Training and Optimization:** Experienced in training and prompt engineering for large language models, optimizing their performance for specific tasks.
- **Machine Learning Model Development:** Developed and deployed classic machine learning models to predict key business attributes, contributing to data-driven decision-making.
- **Web Service Deployment:** Built and maintained web services for model deployment using RapidMiner and Postman, ensuring accessibility and scalability.
- **Collaborative Chatbot Development:** Contributed to the development of an organizational chatbot utilizing Retrieval Augmented Generation (RAG) from Elastic's VectorDB to provide contextually relevant information.

Skills

- **Cloud Platforms:** AWS (DynamoDB, SageMaker, Bedrock, S3)
- **ML Frameworks:** HuggingFace, Weights & Biases, RapidMiner
- **Programming Languages:** Python (Pandas, Numpy, Scikit-Learn, Scipy, Pytorch, Tensorflow, HF Transformers), Java, Spark, R
- **Technical Skills:** Git, Linux Environment, Excel