

Liam Hazan

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PROGRAMMING LANGUAGES AND TECHNOLOGIES

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- High proficiency with **Python** and data science related packages like Pandas, numpy, sklearn, scipy, etc.
- Knowledge in the languages **C, C++, R, Bash** (linux environment), and **javascript**.
- Experienced with **SQL, Hadoop, Spark, Elasticsearch**, and **Django** framework.
- Data visualizations with matplotlib, **Kibana** and **Tableau**.
- Experienced with **PyTorch** framework for Deep Learning and **OpenCV** for computer vision.

PROJECTS AND EXPERIENCE

- As a research assistant I webscraped data and created an experiment website for AB testing and collected data about user's preferences and clicks.
This was made using django web-framework, javascript and PostgreSQL.
- Currently tutoring a team with their final project involving AI as part of volunteering in "magshimim" project.
- 4 mini projects with **NLP** and **CV** tasks: POS tagging, Dependency Parsing, Visual Question Answering, and GAN/VAE using DL.
- Research about the generalization of high capacity models (like DNNs) and experiment to show how convolutional networks utilize prior knowledge.
- I took part in the creation and implementation of an academic paper trying to solve problem in differential geometry with deep learning.
- Developed an auto-scrolling game using computer vision and Deep Learning. The game let the player control the height of the character (the plane) with his body through the webcam.

EDUCATION

Data science and
Engineering Student

Technion Israel Institute of Technology

📅 2018 - Ongoing

- Current **GPA 87.5**.
- **Dean's list**: semester C, D, E .
- Relevant courses:
Data structures and algorithms (95).
Natural language processing (90).
Machine learning 2 (90).
- Psychometry grade 718.
- Highly motivated, self and quick learner.
Beyond the academic studies I look into web courses like CS 231n (CV and DL, stanford) and tutorials in the field of ML.

MILITARY SERVICE AND YESHIVA

2012-2018: Studied in Yeshivat Kerem B'yavneh and served at the Givati brigade as a fighter.