

# Liam Hazan

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🐙 github.com/LiamHazan

## Education

**2018-present:** Data science and Engineering Student, Technion Israel Institute of Technology.

- 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**.

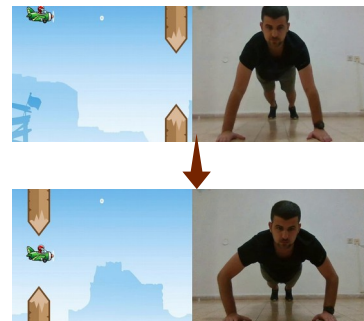
## Military Service and Yeshiva

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

## 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 Qustion 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.
- 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.
- I took part in the creation and implementation of an academic paper trying to solve problem in differential geometry with deep learning ([link to the paper](#)).

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.



## Programming Languages and technologies

- **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** .
- Experinced 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.