



## Yarden Hochenberg

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B.Sc. and M.Sc. honor student in Industrial Engineering and Management within "Meitar" excellent program at Ben-Gurion University specializing in Data science. Highly motivated to engage with data analysis and integrate in the big data field. Always aiming to achieve excellence, highly self-driven, self-learner and a strong team player. Knowledgeable in Python, Java, R and MATLAB languages.

### Education

**2020-present: M.Sc. in Industrial Engineering and Management** (specializing in Data science) from Ben-Gurion University of the Negev.

- In my Thesis I am developing a phenotypes **prediction algorithm** based on **machine learning** using genome big data.

**2017-present: B.Sc. in Industrial Engineering and Management** (specializing in Information Systems) from Ben-Gurion University of the Negev (graduating 2021).

- **GPA: 90.**
- **Received Honors** in the first and second year of my studies.
- Psychometric grade: 706.

### Skills

- |                 |                 |                     |                |                           |
|-----------------|-----------------|---------------------|----------------|---------------------------|
| - <b>Python</b> | - <b>R</b>      | - <b>SQL</b>        | - <b>Excel</b> | - <b>Machine Learning</b> |
| - <b>Java</b>   | - <b>MATLAB</b> | - <b>PowerPoint</b> | - <b>Word</b>  | - <b>Statistics</b>       |

### Experience

**2020-present: Teaching Assistant** in "Databases" course – SQL language, Ben-Gurion University of the Negev.

**2020-present: "Disco – Data Science Community (BGU)"** community manager – a community established by students with the aim of providing exposure to the field of Data Science: lectures, jobs, hackathons and data scientist in the industry.

**2019-2020: Analyst Research Assistant** in Urban Metabolism, Ben-Gurion University of the Negev.

- Using data to create information systems with MATLAB programming language.
- Performs statistical analysis of urban consumption and waste generation in Tel Aviv.

**2019-2020: Private tutor** in "Databases" course – SQL language, teaching the construction and management of databases.

**2018-2020: Private tutor** in **"Introduction to Java Programming"** course – Aiding students with their programming studies.

### Projects

- Facebook Israel Virtual Hackathon 2020

### Volunteering

**2004-2012: "Scouts" youth movement member** at "Aviv" tribe – counseling for a year in "Beit HaYeled" boarding school in Tel Aviv and instructing children with special needs.

**2001-2012: Member of Israel's National Team** in gymnastics and acrobatics – Representing Israel in European and World Championships.

### Military Service

**2013-2015: Combat Fitness Instructor**, School for Commander and Infantry, Israel Defense Forces.

### Languages

Hebrew – Native Speaker.

English – Very High Proficiency.