

Sahar Kruk

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Education

MSc in chemical physics. Weizmann Institute of Science. GPA: 92. 2018 – 2020

Thesis work in the field of organic spintronics.

Summer internship in the Jacob Blaustein Institute for Desert Research. Work on 2017

Electrical Resistivity Tomography for validating ions flow models.

BSc in Soil and Water Science, The Hebrew University. GPA: 95. Finished with high 2014-2017
honors.

High School graduation. Majored Physics, Computer science and Biology. 2009

Work Experience

Research, Weizmann Institute of Science. 2018 – 2020

- Multi-disciplinary work, designing and setting up opto-electronic setup. The research involved electrochemistry, lithography and surface characterization.
- Developed python application for data analysis.

Davidson institute for science education. 2020

Teaching middle school classes on scientific topics.

The faculty of agriculture of the Hebrew university. 2015 – 2017

- **Lab assistant** in laboratory of Physics of Soil and Water. Collecting data, measuring samples and data analysis.
- **Tutoring** 1st and 2nd students in math, physics, and chemistry for scholarship.

Military service

Military service as commander and combat soldier in the Combat Engineering 2010 – 2013.
Brigade

Programming

- MATLAB, Python, LabView and Office.
- Familiarity with Machine Learning – academic course, including final project.

Languages

Hebrew – Native language, English – Academic level, Spanish – basic.

Recommendation

On demand.