

Raymond Agarunov

Elector-optical engineer
S.T.E.M. instructor and content developer

B.Sc. Electro-optics Engineer
From Ort Braude College.

An instructor and teacher with over 15 years of experience in teaching and developing S.T.E.M. activities includes working with cutting-edge technologies such as CAD, 3D printing, robotics and more.



Details

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Haifa, Israel.



Languages

Hebrew: native

English: advanced

Russian: intermediate

Experience

2015 - 2020 ○ **Madatech – National Museum of Science, Haifa**

- Teaching and developing classes in a wide range of scientific fields.
- Developing and delivering popular science lectures to the general public.
- Developing and Teaching S.T.E.M. programs for schools

2016-2017 ○ **Solid State Institute – Technion, Haifa**

- An internship in the research lab of Prof. David Gershoni .
- Design and construction of calibration systems for high-intensity lasers.

2011-2015 ○ **Havayeda – Community Science Center, Karmiel**

- Teaching at the community center in Karmiel .
- Developing content for all “Havayeda” centres throughout the country in collaboration with the Davidson Institute.

2011-2015 ○ **Science oriented youth program – Technion**

- Teaching and developing physics classes for children

Education

2012 - 2017 ○ **B.Sc. Electro-optical engineering – ORT Braude College , Karmiel**
successfully graduated, including internship in the Solid State Institute.

2009-2011 ○ **B.Sc. In Physics – Technion , Haifa**

Deed not graduate, after two years of study left for an engineering degree.

Qualifications

2019 ○ **Laser Safety course – Madatech**

2018,2016 ○ **First aid course – Madatech**

2017 ○ **Laser Safety with high-intensity lasers – Technion.**

Skills

○ ● ● ● ● MATLAB

● ● ● ● ● SolidWorks , Fusion 360

○ ● ● ● ● 3D printers and laser cutting machines

● ● ● ● ● Developing S.T.E.M content

○ ○ ● ● ● C# , C++

○ ○ ○ ● ● Java

● ● ● ● ● Lectures in front of a large audience