

Ido Irani

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EDUCATION

Ph.D. Physics. **2020–2024**

Department of particle physics and astrophysics, Weizmann Institute of Science, Rehovot, Israel.

Advisor: Avishay Gal-Yam. Thesis title: An observational study of core-collapse supernovae and related instrumentation

M.Sc. Physics. **2017-2019**

Department of particle physics and astrophysics, Weizmann Institute of Science, Rehovot, Israel.

Advisor: Avishay Gal-Yam. Thesis title: SN2016hil - a Type II SN near an elliptical galaxy

B.Sc. Biology and Physics **2013-2016**

Faculty of Natural Sciences, Hebrew University of Jerusalem, Israel.

(Magna cum Laude)

PROFESSIONAL EXPERIENCE AND APPOINTMENTS

Student representative for the Weizmann-Helmholz research school for Multi-Messenger Astronomy **2020 - 2022**

Lab assistant at the Balaban lab, Rakach institute, HU, Jerusalem. **2015 - 2016**

TEACHING AND OUTREACH

TA for Advanced topics in astrophysics seminar, Department of particle physics and astrophysics, Weizmann Institute of Science **2021 - Present**

Counselor in Alpha program for gifted young students, Davidson Institute, Weizmann institute, Rehovot Israel **2019 - 2023**

Instructor, Clore Garden of Science, Weizmann institute, Rehovot Israel **2012 - 2013**

Instructor in the physics program for children, Davidson Institute, Weizmann institute, Rehovot Israel **2012 - 2013**

Instructor, Nitzotzot Mada program for scientific excellence in the Ethiopian community, Davidson Institute, Weizmann institute, Rehovot Israel **2012 - 2013**

HONORS & AWARDS

Dean's list for physics BSc. (top 10%) **2016**

"Etgar" excellence program for outstanding biology students, Hebrew university **2013-2016**

SOFTWARE

Python, Matlab, Zemax, Solidworks, Unix, SQL, LaTeX

VOLUNTEERING

Supporting prostitution survivors through "Lo Omdot Mineged" foundation

MILITARY SERVICE

Intelligence Crop. **2008-2012**

OBSERVING EXPERIENCE

- Aristarchos telescope, Helmos observatory, Greece – 3 nights
- DBSP on the P200 telescope, Palomar observatory, CA, USA– 2 nights
- EFOSC2/SOFI on the NTT, La Silla, Chile – 10 nights