

C.V Gilad Erlichman

- Highly motivated physicist with both theoretical and experimental skills
- five years of experience in R&D.
- Strong problem-solving abilities, committed to achieving goals with good communication skills

Contacts: Gilad.erlichman@mail.huji.ac.il (054-528-9937)

Experience:



Jan 2021 **JLM Impact Hackathon 1st place**

"Sympath"-Developed an algorithm and application for walking on safe routs.



Nov 2019 – present **Physicist MSc lab**

Positron life-time measurements, data analysis and data acquisition for Radioactive materials, scintillator and plastic detectors, helping set-up the positron accelerator



Mar 2020 – present **HUJI Innovate program**

Co-Founder of "Tremolo" – software for helping Essential-Tremors and Parkinson's disease patients use the computer while analyzing their movement using ML algorithms



Mar 2014 – Nov 2019 **R&D Physicist MOD:**

Theoretical experience:

Implementation of methods for risk assessment calculations.
Simulations and data modeling.

Lab experience:

Conduct full experiments in the lab and on the field
Experience of measuring various materials (including α , β and γ Isotopes).
Various detection techniques and data acquisition systems. Safety trained.

IDF rank – Captain, Security clearance – "1"

Education:



2019-present Physics MSc, The Hebrew University of Jerusalem (Advisor Prof. Guy Ron)

MBA Big-Data analytics (96, first year)



2011-2014 Physics BSc, Ben-Gurion University of the Negev, 87

Skills:

Programming – Python, MatLab, c++.

Languages – Hebrew (native), English (Full Professional Proficiency), Spanish (Intermediate)

Volunteering:

Merhavim Regional Council, Ilan Ramon Youth Physics Center, BGU.

Hobbies:

Guitar player, Reading, Arduino, Sports – soccer, tennis