**Guy Peretz**  address: Remez 2, Ramat-Gan | phone number: 054-3151006 email: [guy.peretz1990@gmail](mailto:guy.peretz1990@gmail).com | status: married | LinkedIn: Guy Peretz

**About myself:**

Takes initiative, Analytical, Team worker, Strong work ethics, Technical, Communicative, Fast learner, Responsible, Capable of handling stress

**Education:**

2014- 2018: Graduate B.sc of electronic engineer at the academic college of Shenkar.

Specialization in communication.

Final project: Fall detection system for adults in home environment and sending alert to predefined contacts.

* Interface for receiving contacts by the user and displaying them on a screen.
* Detecting the fall by an accelerometer sensor combined with *Arduino* controller for accurate detection.
* Sending and receiving the alert by nRF radio components, which are used to transmit the information from mobile controller to home control center.
* Sending text messages using a *GSM* component that send the alert messages to the contacts of the user.

| JavaScript | HTML | CSS| Arduino. Workspace and programming: C | Python

Knowledge in software: Visual Studio | Git | Wireshark | Hit Manager | Solid works | MS office.

2004- 2008: Blich High School, Ramat Gan - Chemistry, full graduated.

**Work experience:**

July2022-Today: Firmware development in BT team, “Intel” company.

Code debugging, code optimization, analysis of results, generating reports and conclusions.

2018 – July2022: Validation and Integration engineer in RF field, “Intel” company.

Performing transmission and reception tests (automatic and manual) about development chips of technologies: Wi-Fi (802.11 a\b\g\ac\ax MIMO), Bluetooth (v3.0\v4.0\V5.0…V5.2, BLE).

Analysis of results, performances improvement, generating reports and conclusions and system debugging.

2017- 2018: project manager, "I-feel" company.

Management of projects in an integration company in the smart home sector.

Responsibility for the planning, management, and close supervision of the project, up to the stage of assimilation in the field.

2017- 2017 ( 8 months): Final tests and a mechanical assembler, "Radwin" company.

Mechanical assemblies and final tests for RF communication systems.

**Military service:**

2008- 2011: full military service at "Magal" unit, first sergeant.

Commander of a squad of rookies soldiers- outstanding commander.

Shooting instructor- outstanding shooting instructor.

**Languages:** English – Near fluent, Hebrew – fluent