

Niran Itzhacky

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Electrical Engineering graduate, specialized in RF and Signal Processing, experienced with Ultra-wideband RF. Team player and autodidact with high interpersonal skills, excels under pressure, possesses a strong work ethic and dedication. Passionate about the field of Electrical Engineering.

Education

- **2018-2023, B.Sc. Electrical Engineering** at Holon Institute of Technology majored in RF and Signal Processing.
GPA: 85.
 - Capstone Project "**Call for Help System**" - designed and implemented a fall detection system for a robot, enabling real-time location tracking and immediate camera-based monitoring and notifications to medical professionals, utilizing IR, RF, Arduino Uno, and ESP32 camera module.
 - Relevant courses:
Digital Signal Processing.
RF Laboratory.
Digital Communication.
- Courses & Certifications:
 - **2015**, IT Server Manager certification, IDF.
 - **2014**, Ultra-Wide Band RF course, IDF.

Experience

- **2018-Present, Expert Advisor** at Auto Magazine
 - Advise and guide potential clients in identifying the vehicle that best fits their needs, preferences, and budget constraints.
 - Train and mentor new employees.

Military Service

- **2013-2016, IT Server Manager**, Brigade 282nd at Artillery Brigade of the Artillery Corps.
 - Providing portable broadband connectivity between mobile endpoints using WiMAX technology.
 - Managed specialized military software and communication equipment, addressing and solving both software and hardware issues, as well as communication challenges in standard and operational scenarios.
 - Acted as an IT manager, troubleshooting various network and IT issues.

Skills & Tools

- C, Python, MATLAB
- Ultra-Wide Band RF, WiMAX
- ADS
- Active Directory, Microsoft Office
- High interpersonal skills, problem solving

Languages

- Hebrew – Native, English – Highly proficient