

# Itay Nir

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in LinkedIn

## Profile

2 years of experience working in an IT environment as a helpdesk, looking for a full-time position in Support Engineering or a related field. Strong problem-solving skills, attention to detail, fast learner, highly efficient, and a get-to-know-how-it-works attitude. Balance of 1 until graduation.

## Education

**Computer Science B.Sc.**, Ono Academic College

2019 – present

### Significant Courses:

Intro to Computer Science, Cyber Security, SQL, Data Structures and Algorithms, Computer Architecture, Intro to AI, Machine Learning using Python, Operating Systems, Big Data, OOP Programming with Java.

### Self-study courses:

The Complete Cyber Security Course End Point Protection.

The Complete Cyber Security Course Network Security.

Code with Mosh - Complete SQL Mastery.

Data Analytics - Python Visualizations.

## Volunteering

### Ono Academic College

Took part in assisting students of computer science in various courses

## Professional Experience

**Effective supporter**, Leumit, Tel Aviv

04/2018 – 06/2020

**Possessing excellent problem-solving and communication skills, honed through previous work experience as a Technical Support Representative and Help Desk person.**

**With an understanding of computer systems and networks, combined with the ability to effectively manage and prioritize multiple tasks**

## Languages

Hebrew - Native

English - Proficient

## ✓ Military

2015 – 2018 | Israel

Served as a medic at the Sayarim base from **2015 to 2018**, where I honed my skills in leadership, training, and communication.

Key accomplishments include:

- **Demonstrating strong leadership skills by managing the medical field in the unit and ensuring the health and well-being of all personnel.**
- **Transferred medical knowledge to others by conducting comprehensive training sessions for officers and soldiers, contributing to their preparedness in emergency situations.**
- **Facilitated effective teamwork and collaboration by serving as a liaison between medical personnel, commanders, and soldiers, and ensuring seamless coordination in the unit.**

## Projects

### Keylogger

The "uploadToDrive" file was an essential component of the system. It was responsible for uploading the keylogger's data to a cloud-based storage platform like Google Drive, allowing for remote access to the user's keystrokes.

I programmed the keylogger to continuously monitor the user's actions and record every character they typed. I stored these keystrokes in a file called "filelog.txt," which served as a comprehensive record of the user's activities. The keylogger was designed to create an array that contained all the recorded keystrokes, making it easier to analyze and organize the data.

The "Listener" function was an integral part of the system's functionality. It was responsible for "listening" to the user's inputs and triggering the keylogger to record the keystrokes. This function was designed to run in the background, continuously monitoring the user's activity.

The combination of the "uploadToDrive" file, the keylogger, and the "Listener" function created a robust system for monitoring and recording a user's keystrokes. I could use the data collected for various purposes, such as tracking productivity, monitoring security, or gathering information for research purposes.

## Skills

- **Experienced with logs, and SQL.**
- **Strong knowledge of Linux systems**
- **Good understanding of network protocols and communication like:**
- **TCP/IP, UDP, HTTP/S, DNS, etc.**
- **Familiar with Network switches, routers, and firewalls.**
- **Strong knowledge of Network Security.**  
Familiar with vulnerabilities like:  
**DOS, DDOS, SQL Injection, Trojan Horses, Brute Force, and more.**
- **Programming skills: Python, Java, HTML, and CSS**
- **Detection tools: Intezer, Sandbox, EDR, etc**