

# Tal Harpaz

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## Summary

Throughout my journey, I've developed strong teamwork abilities and excelled in clarifying complex concepts for others. I have a deep passion for software engineering and utilize advanced programming techniques to create reliable and user-friendly software solutions.

## Experience

[Swiftness](#) 2023-Now

### **NOC Specialist**

- Worked with the team to create a strong and smooth working atmosphere, helping everyone to collaborate well in a high-pressure situation. Also, knowledgeable about updating technologies.

[Israeli Defense Forces](#) 2017-2020

### **Discreet role (Clearance level 3)**

- Worked well within a team, encouraging effective communication and cooperation to achieve mission objectives.
- Solved problems quickly and effectively in high-pressure situations, ensuring mission success.

## Education

[The Academic College of Tel-Aviv, Yaffo](#) 2021-2024

### **B.Sc - Bachelor of Science, Computer Science**

- OOP - Object Oriented Programming.
- Familiarity with ML frameworks like PyTorch and TensorFlow, and with computer vision framework(OpenCV).
- Network protocols(TCP,UDP), SQL(Postgres, MongoDB), Algorithms and Data Structures- Complexity.
- Programming languages: C,C++,C# on Visual Studio, Python on Pycharm  
- mostly for Machine Learning, Java on IntelliJ IDEA, NodeJs.

## Projects

[Predictions](#) 2023

- This project is important because it helps predict the spread of the corona disease, providing valuable insights for managing and controlling outbreaks.

*References available upon request*

- In Java, I worked on a project that combines a logical interface using **Threads** and a graphic interface to create a simulation of the corona disease spread.
- Used **Java** for the backend, **JavaFX** for the user interface, and incorporated **statistical analysis** and **visualization** through graphs and data summaries.