Tal Harpaz

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Profile

Dedicated programmer with a strong background in Computer Science seeking a challenging role as a Software developer. Experienced in monitoring and troubleshooting network issues, I possess a solid foundation in programming languages and software development. Eager to utilize my technical skills and innovative mindset to contribute to a dynamic team.

Education

2021 – 2024

Computer Science | B.Sc
The Academic College of Tel-Aviv, Yaffo

- OOP - Object Oriented Programming.
- Familiarity with ML frameworks like PyTorch and TensorFlow, and with computer vision framework(OpenCV).
- Web Development – HTML, CSS, JavaScript
- 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.

Experience

2023

Monitoring and Control
Swiftness

- 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.

2017 – 2020

Discreet role (Clearance level 3)
Israeli Defense Forces

- 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.

Projects

2023

Predictions

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

2024

Smart Retrieval Autonomous Car Project

- The project is to create an adaptable autonomous car capable of identifying and retrieving items autonomously, guided by remote visual commands.
- The system comprises a remote-controlled car equipped with an ESP32 camera module, a Flask web server for processing image data and controlling the car, and a YOLO-based object detection model for identifying and localizing objects

Social Media

@tal-harpaz talhar1302