Yosef Simchon

E-mail: josefsimhon93@gmail.com **|| Phone:** 054 - 316 4197
Linkedin: https://www.linkedin.com/in/yosef-simchon-210568226/
Portfolio: https://yosefsi.github.io/portfolio/ **|| GitHub:** https://github.com/yosefsi

Profile

As a recent graduate in software engineering, I am eager to bring my passion for technology and problem-solving to an organization where I can grow as an engineer and make a meaningful contribution. With a solid foundation in computer science principles and programming languages, I am confident in my ability to learn quickly, take on new challenges, and deliver quality results.

Education

2018 - 2022   **Bachelor's degree in software engineering**
SCE College

2022 - Present   **Full- Stack course**
INT College

Projects

Breaking DoH protocol-Show weakness in DoH protocol :
This **research project** focuses on the DNS over HTTPS protocol and employs a two-stage **machine learning** approach. utilizing the collected dataset to classify DoH and non-DoH queries and distinguish between malicious and legitimate DoH queries. (It uses Python libraries such as **Keras, NumPy, SciPy, and Pandas**).

Web Application - manage a software project :
A **Python** project, built with the **Django framework.**
The project is built to provide a simple and user-friendly interface to manage tasks, prioritize workload, and keep track of project progress.
It uses **SQLite** for the database and uses **HTML**, **CSS,** and **BOOTSTRAP** for the front-end design.

Java - aquarium game :
Java multithreading and **design patterns** project that brings to life an aquarium game.
This project creates an interactive and engaging user experience. The user can control the aquarium by performing various tasks such as feeding the fish, adding new fish, adjusting the swimming speed, and others.

Skills

- **Language: Python, Java, C, C++, Javascript, CSS, HTML**.
- **Databases:** Microsoft SQL Management, Oracle Database **SQL, SQLite**.
- **Others:** Knowledge in networking and security, Communication, OOP, Data Bases.

Military service

2012 - 2015: Full military service in the Air Force as a helicopter mechanic, Garage worker, level 12.

Work Experience

2015 - **2016**   **Avidar** - worked on security project.

2016 - **2017**   **RedFig**- lived in Australia for a year and worked in setting up offices.

Languages

Hebrew: Native. **English:** Full professional proficiency.