

Esther Broch- Software Engineer

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Profile

Logical skills, high self-learning ability, technical skill for solving problems, quick perception, accuracy, thoroughness, curiosity and motivation.

Excellent interpersonal communication, rich experience in working with a team, excellent also in individual work. Functions in times of pressure.

Education

2023 – 2021

Beit Ya'akov Volf Seminary

Software engineering studies for 'M.H.T' (Ministry of Technology) certificate. Computer education and teaching for 'Ministry of Education' certificate.

Courses at 'Kamatech': Data structures, Algorithms, Operating Systems, Linear and Boolean mathematics, Digital Systems.

2021 - 2017

Beit Ya'akov Volf High School

Full matriculation certificate.

Experience

2023 December –2023 June

Mobileye bootcamp

Smart security camera Project

Sending images from camera (Raspberry pi) to the backend server (pc), the server examines the images and saves them in DB (sqlite).

The Cross Platform code is developed in C++ with CMake, network communication with gRPC, wrapping the camera side in Docker, using OpenCV, multithreading, multi-processing and other C libraries

Professional knowledge

Programming languages - C# , Java, C , C++ , , Node JS, Python, C++, Assembly, SQL.

Web development – Angular, React, HTML 5, CSS3, JavaScript

Technologies – .net core, WebApi, Asp.Net, EntityFramework, microservices.

DB - sqlite ,my sql, mongo DB, Sql Server

Operating Systems - windows, Linux, ubuntu, Debian

IDEs - NetBeans, Visual Studio, Visual Studio Code, SSMS, IntelliJ IDEA.

Additional courses - Principles of operating systems, Computer communication and networks Information systems analysis, Information security, Runtime complexity analysis, Design patterns, Technical and business English.

Version Management – Git

Cloud – Render, clever cloud

Languages:

Hebrew- Native speaker.

English- High level.