



# Avital Idan

## Junior Software Developer

Possesses high work ethic, punctual with deadlines, and patient in working in a team.

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📍 Israel

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🐙 [github.com/avitalIDAN](https://github.com/avitalIDAN)

## WORK EXPERIENCE

### Software Developer

#### ELTA-Israel Aerospace Industries

11/2022 - 01/2024

*As part of my job i have impemented several projects. The main project involved finding the best observer point.*

##### Achievements:

- Best Observer Point - I have developed an algorithm for findig best point for placing one sensor or more to cover the largest area. In this project I used GDAL, C#, WPF, ArgGIS Prop, Asp.Net Web API.
- Dynamic Html Report - Generating a dynamic html report In this project I used html and javascript.
- Bff Generator In this project I used SQL Server, WPG, dapper, gRPC.
- CI/CD tool: GIT.
- Deployment: Docker Desktop.

*For Recommendations Contact : Moti Mor (team leader) - 052-5565273*

## EDUCATION

### B.Sc in Software Engineering. GPA 95. Dean's list.

#### Jerusalem College of Technology (JCT)

09/2019 - 08/2023

##### Courses:

- Operating Systems (OS) with a score of 83.
- Software Engineering with a score of 84.
- Artificial Intelligence(AI) with a score of 96.
- Full-Stack Web Development with a score of 96.

### High School. GPA 115

#### Ra'aya

09/2015 - 07/2019

##### Courses

- Matriculation of 5 math units
- Matriculation of 5 Bible units

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## SKILLS

C, C++

C#, WPF

Python

Java

PL/SQL

SQL Server

HTML, JavaScript

Visual Studio

PyCharm

IntelliJ IDEA

MYSQL Developer

Windows

Docker

Web Api

Gdal

React

High-level mathematics proficiency

## PROGRAMMING PROJECTS

Bus line system (C#, WPF).

- [https://github.com/avitalIDAN/Bus\\_line\\_system](https://github.com/avitalIDAN/Bus_line_system)

A project to create an "image" based on the location of objects (JAVA)

- [https://github.com/avitalIDAN/create\\_image](https://github.com/avitalIDAN/create_image)

A website project, a site for lending work tools.

- <https://github.com/avitalIDAN/pruject7>

## LANGUAGES

Hebrew

Native or Bilingual Proficiency

English

Professional Working Proficiency

## INTERESTS

Mathematics: Passion for exploring complex mathematical concepts.

Physics: Keen interest in understanding the principles of physics.

Literature: Avid reader and writer

Politics