

# Hodaya Kali

## Software Engineer

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[GitHub: Machine Learning Final Project](#)



### Summary

- Graduated from **B.Sc. in software engineering** at Azrieli College.
- Final project with honors at Raphael (**98**).
- Excellent self-taught and interpersonal skills.



### Education

#### 2019 - 2023 | Azrieli College

##### B.Sc. Software engineering

- Top Courses: Algorithms (100); Programming in C and C++ (99); structure and organization of the computer (99); computer communication (95); distributed systems (96)
- professional knowledge: Firmware, cyber, network (protocols&layers model&client-server), operating system, software architectures, databases, data structures, algorithms.

#### 2015 - 2019 | Full matriculation with honors (105)

- 10 units in computer science.
- Participation in the "Scientists of the Future" program on behalf of the Ministry of Science and Technology for the advancement of **outstanding students** in these professions.



### Experience

#### 2022 - 2023 | Raphael

##### Machine learning Final Project

Development of an industrial project in **python**, focused on autonomously detecting and analyzing abnormal object behavior in real-time within a spatial context. Utilized advanced machine learning algorithms, TensorFlow's Keras API, and reinforcement learning to enhance training.



### Projects

- Shell implementation in **c** - Simulates the shell of the Linux operating system including complex commands.
- Tweeter simulation - generating new sentences from an existing database, written in c.
- Writing a program in c language that implements a simulation of main memory management.
- Client server communication - HTTP proxy server programming in **Linux** environment.
- Application development in the Android Studio environment in **java** language.



### Skills

**Programming Languages** - **python**, **c++** , **Java**, **c**, **c#** , Javascript, html, css, Assembly, SQL, React.js

**Operating Systems** – Linux, Android

**Tools** - Android Studio, Eclipse, SQLite, Firebase, VS Code, CLion

**Language** English, Hebrew