

Hana Ben Gozi | Software Engineer

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Highly motivated B.Sc. graduate with a strong foundation in software engineering and programming principals. Proficient in a variety of platforms and languages with an innate ability to learn and master new technologies.

Education

2017 - 2021: B.Sc. in Software Engineering at the 'Jerusalem Academic College of Engineering' - "Azrieli". GPA: 90

Final project: **2nd place with honors**

Developing and implementing Multi Agent Path Finding algorithm to find free collisions routes in the air for swarm of drones.

The project has been done for "Swarm Robotics" company which produces drones shows for entertainment purposes.

The project was developed in the **Python** language and used advanced technologies and tools such as **GIT, Trello, Python Libraries, 3D Simulation Software** etc.

Projects

- **Online Gym Site** - JavaScript, PHP, AJAX, HTML, CSS, MySQL DB.
A gym website to perform fitness training from home online.
- **CRM Site** – React, GitHub, Mongoose & MongoDB, HTML5, SCSS, JavaScript, ExpressJS, NodeJS.
An insurance company's Customer Relationship Management website. A clean and elegant UI.
- **Task Management App** – AndroidStudio, JavaScript.
An application for the Android operating system for managing tasks and receiving alerts.
- **HTTP client & server** – C, Linux.
In-depth understanding and implementation of TCP/UDP communication protocols and all network communication layers.
Implementation of the parallel programming principles.

Technical Skills

Programming languages: **C, C ++, Java, Python, HTML, CSS, JavaScript.**

Tools and Technologies: **Object Oriented Programing (OOP), APIs, REST with NodeJS, HTML5, CSS3, SCSS, ExpressJS, MongoDB & Mongoose, jQuery, GIT** and more.

Work Experience

2019 – 2021 Practitioner

Providing practice lessons to students from the college in mathematics and programming courses to individuals and groups.

Languages

- Hebrew: native language.
- English: high level.

Recommendations will be provided upon request.