

Omer Dekel

📍 Rehovot, Israel 📞 054-2430467 ✉ omerdekel92@gmail.com 🐙 <https://github.com/omerDekel>  [Omer Dekel](#)

A graduate of Computer Science from Bar-Ilan University, looking for a full-time job in the software domain. Currently working as a software developer (freelancer) at 'Hotelo'. Willing to learn and evolve. A hardworking guy with self-learning skills and excellent interpersonal and communication skills.

Work Experience

2020 – Present **Software Developer (freelancer) in "Hotelo":** Developing an energy control system for hotels from scratch. This application communicates with room controllers and monitors the data received from them. This data includes the temperature of the room, air condition mode, the microswitch of the door and windows, the guest's presence, etc. Using .Net C#, serial port (Modbus).

2014 – 2016 Shift supervisor and bookseller in "Tzomet Sfarim".

Education

2016 – 2019 B.Sc. Computer Science, Bar-Ilan University, GPA: 85
Elective Courses – Secure Coding and Cyber Security, Artificial Intelligence, Machine Learning, Robotics, Networking, Programming Languages and Compilation, Concurrency Programming, and Databases.

2008 – 2011 *Yitzhak Rabin* High School, Mazkeret Batya. Computer Science 5 units, Math 5 units, English 5 units. Graduation with honors.

Skills

- **Programming Languages:** JavaScript, C, Java, C#, C++, Python.
- **Technological Proficiencies:** OOP, .Net framework, Design patterns, Multithreading, Architectural patterns, SQL.
- **Prominent characteristics:** Auto-didact, ambitious, team player, self-motivated, organized, and thorough.
- **Languages:** Hebrew - Native, English - Fluent.

Projects

- **Interface Data Manager: C# – with IAI (Israel Aerospace industries),** Centralizing and managing the data that passes between sub-systems in big projects using .Net Framework, Entity Framework, Databases, and Networking.
- **Image Service: C# –** A cross platform application (Desktop, Web, Android). Windows Service for backing up images. Using WPF and implementing architectures: MVC, MVVM, and Client-Server.
- **Reversi game: C++ –** Using Client-Server architecture, Multithreading, Minimax algorithm, object-oriented programming, design patterns, Networking and Google Test. I also implemented a GUI version of the game in Java using JavaFX.

Military Service

2011 – 2014 Aircraft Mechanic in the Air Force – Served as a team leader. Received Certificate of Excellence.

Social Involvement

I took part in several volunteering activities such as: "Young Instructors" Youth movement - where I was certified as a guide by the Ministry of Education and used as a guide (2007-2011) , "Soft landing" Project where I was a Mentor for first-year computer science students during my studies (2018-2019) .