

# Racheli Benchamo

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## Languages

Hebrew	Native
English	Advanced

## Technical Skills

### Programming Languages:

C, C++, Python, Assembly x86, JavaScript, Java, C#.

### Web Technologies:

HTML, CSS, React, Angular, ASP.NET .

### Other:

Linux, Visual Studio, Git.

## Volunteering

- (2021-2022) **Scholarship via "Shavot" association**  
Delivering empowering content to sixth grade girls and useful tools to help them later in life.

## Work Experience

- (2019 - 2019) Office Worker, Maccabi Health Care
- (2020 - 2020) Office Worker, Clalit Health Care
- (2023 - present) **Data analyst**, Superbus Management

## Profile

Recent Graduate with a Degree in Computer Science, looking for my first job in the field.

I am enthusiastic about joining a company that values personal and professional growth, enabling me to integrate and develop both aspects of my career.

Military experienced with expertise in training, scheduling, and coordinating interactions with commanding officers. Skilled in time management, crisis resolution, and handling equipment failures.

## Projects

- **Full Stack Development: Angular & ASP.NET for E-commerce store**  
Created a user-friendly web store with Angular frontend and ASP.NET backend. Implemented features like user registration, login, and admin controls for inventory management. Technologies include Angular, ASP.NET, SQL Server, and JWT.
- **Full Stack Development: React & Spring for Movie Shop**  
Enabled cart management, purchase simulation, and movie exploration via TMDB API. React's single-page app structure, along with Spring backend, facilitated seamless user experience.
- **Cookery Club - Recipe Sharing Application.**  
Developed a recipe-sharing platform using SpringBoot, MVC and Thymeleaf. Enabled users to easily create, edit, and rate recipes with interactive comments. Managed data using Spring Data JPA and ensured mobile-friendly design with Bootstrap.
- **C++ Game Development.**  
Designed and developed a complex game project in C++. utilizing object-oriented programming (OOP) principles, design patterns, and a variety of technical tools such as like Templates, Singleton, Double Dispatch, Inheritance, Polymorphism techniques and SFML graphic library. Managed all stages of the project lifecycle with a focus on quality and efficiency.

## Education

### B.Sc. Computer Science, Hadassah Academic College

Jerusalem | 2020 - 2023

**GPA: 90**

- Gained solid knowledge in Operating systems, Databases, Object Oriented programming, memory management, and relevant fields
- Familiar with relevant algorithms and with their techniques.
- Proficient in Python, C, and C++. Familiar with Java and JavaScript.
- Gained knowledge in Natural Language Processing (NLP) and machine learning.

### Computer Science (10 Units) – High school education

Jerusalem | 2015 – 2017

- Developed a 3D Game in Java. (Grade: 100)