

# Esty Rabinovitz

## Summary

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As a final-year **computer science student**, I have successfully completed a variety of projects that highlight my proficiency in languages such as Java, C++, C#, Python, and SQL. In addition to these languages, I have developed expertise in computer networks and information security. These projects have sharpened my practical skills and deepened my understanding of complex computing challenges. With a strong foundation in both hands-on experience and theoretical knowledge, I excel in collaborating with team members and delivering innovative solutions to intricate problems.

## Education

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**Jerusalem College of Technology,**  
Bachelor of **Computer Science**, August 2024.

## Projects:

### Secure Storage:

Developed a secure storage solution aimed at providing users with a protected infrastructure to store sensitive data. The system ensures data confidentiality through RSA encryption, supports multiple-user access, and segregates data based on user credentials. It also integrates with DAL (a Trusted Execution Environment) to further bolster security.

### 3D images rendering

Crafted a detailed 3D graphics system in Java. Incorporated complex physics elements including light sources, ray tracing, reflections, refractions, color dynamics, and occlusions.

### NET Project

The project efficiently oversees the data of the company's buses and stations. Implemented using C# language, the system incorporates various software design patterns and a user interface created with WPF.

## Languages

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English - professional working proficiency

Hebrew - bilingual proficiency