

YINON SHAUL

SOFTWARE DEVELOPER | B.SC. COMPUTER SCIENCE

CONTACT

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[Portfolio](#)



SKILLS

Programming Languages

- Python, Java, C++, C#, SQL, HTML, CSS, Assembly

Technologies

- AWS, CCNA, Linux, PostgreSQL, .NET Framework, Data Structures, Computer Networks

Professional focus

- Data Security, Cybersecurity, Full Stack Development

Soft

- Friendly and adapts easily to teams, Public speaking

MILITARY SERVICE

- Served for 32 months in the army in OKETZ unit
- Role of operator in the IT and Cyber Corps

VOLUNTEERING

- Guide in the Ezra youth movement
- MADE IN IMPACT

LANGUAGES

- English (Upper-Intermediate)



PROFILE

Highly motivated recent graduate (**B.Sc. Computer Science**) seeking a Junior Software Developer role.

- Core Technical Skills:**
Proficient in **Python** (strong knowledge), **JavaScript**, **Java**, and **C++**. Solid knowledge of **Linux** OS and key principles including **SOLID**, **Design Patterns**, **OOP**, **SQL**, and **Data Structures**.
- Continuous Skill Expansion:**
Independently expanding practical skills in Python and Data Analysis (Udemy and projects), demonstrating a commitment to **continuous learning**.
- Specialized Focus:**
Strong foundation in **Cybersecurity and Networks** (Data Security and Advanced Computer Networks electives). Currently expanding skills in **Full Stack development** (HTML, CSS, JS, Web Technologies).
- Eager to contribute to innovative, impactful solutions especially in the fields of **Cybersecurity**, **Networks** and **Full Stack** development.



PROJECTS

Smart Road Operations and Resource Management System

C# | .NET Framework | WPF | Windows Systems

- Architected** a **C#/.NET 7.0** application using **OOP** principles and **Three-Tier Architecture** to model and manage engineering resources.
- Designed** the **WPF GUI** with dual data persistence (XML/In-Memory), ensuring system modularity and maintainability.
- Developed** core features: Automatic Scheduling, **Gantt Chart** visualization, and **data consistency/transaction control**.

[View Project](#)

3D Scene Rendering Project

Java | OOP | Design Patterns

- Implemented 3D geometric object rendering with lighting and shading effects.
- Applied software **design patterns** for modular architecture like **Builder**, **Composite**, **Strategy**, **Factory**.
- Generated realistic scenes using mathematical modeling

[View Project](#)

University Financial Department DBMS

PostgreSQL | PL-pgSQL | Python | Git

- Engineered a comprehensive **DBMS (ERD/DSD)** with multi-entity modeling to manage core financial operations.
- Implemented** advanced database logic using **PL/pgSQL** Functions/Procedures, Triggers, and strict **Transaction Control** (COMMIT/ROLLBACK).
- Executed** a complex database **integration** using postgres_fdw and developed a **Python GUI** for full **CRUD** operations, while enforcing **Data Integrity**.

[View Project](#)



EDUCATION

B.Sc. Computer Science

2022-2025

Department of Computer Science | LEV ACADEMIC CENTER

GPA: 89 / 100

CERTIFICATIONS

CCNA (Cisco Certified Network Associate) -

2017-2018

High School | Boys Town Jerusalem

provided strong foundations in **network security**, **VLAN** configuration, and **routing** principles

GPA: 97 / 100