

Summary

Motivated software engineer with a BSc in Computer Science and a passion for problem-solving. Skilled in Python, Java, C, and C++. Seeking a software engineering role to contribute to impactful projects, enhance my technical skills, and grow within a dynamic team.

Education

BSc in Computer Science | Ben Gurion University| August 2024| Minor in Bioinformatics

- ◁ **Relevant Courses:** Data Structures, System Programming (99), Operating Systems (89), Algorithms Design, Advanced System Programming Lab (87), Optimization and Search Algorithms (86)

Software Quality Assurance Testing course | John Bryce | 2019

- ◁ software testing methodologies, test management (STD, STP, STR), web and mobile testing.

Projects

- ◁ **Python Genome Clustering Analysis| *Mini-project course***
Developed an efficient algorithm to identify gene clusters in genetic data, analyzing results to uncover significant biological insights.
https://github.com/MayanShachaf/mini_project
Technologies: Python
- ◁ **C++ Fitness Studio Management System| *System Programming Course***
Designed an object-oriented system to manage a fitness studio's operations, focusing on memory management and system performance.
Technologies: C++, OOP, Memory Management
<https://github.com/MayanShachaf/SPL/tree/main/assignment1>
- ◁ **Java Micro-service Framework & University Management System| *System Programming Course***
Implemented a microservice architecture to manage university data, focusing on concurrency, synchronization, and scalable system design
Technologies: Java, Generics, Multithreading, Synchronization
<https://github.com/MayanShachaf/SPL/tree/main/assignment2>

Skills: Programming Languages: Java, C++, Python, C, SQL | **Operating Systems:** Linux

Testing & QA: ISTQB Certified | **Web Technologies:** JavaScript, HTML, CSS, React.js, Node.js

Work History

QA Engineer | Checkmate|2019

- ◁ Led the end-to-end QA process for a mobile app, including planning test strategies, executing manual tests, and managing bug tracking to ensure a high-quality user experience
- ◁ Perform market research, being part of the new product design process and marketing at conferences

Military service

Training and development coordinator | IDF| 2017-2019

- ◁ Led the development of professional training materials, conducted workshops, reviewed courses and instructors to ensure quality and optimal performance.
- ◁ Provided technical support, user training, and implementation of the "Fox" Course and Training Management System.
- ◁ **Award:** Received an Excellence soldier's award

Interpersonal Skills: A result-oriented individual with a high work ethic, the capability to learn on the job, a great sense of teamwork, and excellent interpersonal skills

Volunteering: Instructor and team leader | **The Hebrew Scouts | 2013-2016**

Languages Hebrew: Native Proficiency | English: Professional